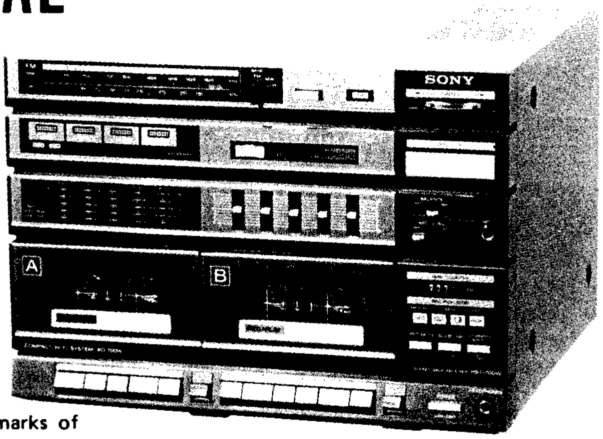
HST-700W

SERVICE MANUAL

AEP Model
UK Model



This set is the deck-receiver section in XO-700W.

'Dolby' and the double-D symbol are the trade marks of Dolby Laboratories Licensing Corporation. Noise reduction system manufactured under license from Dolby Laboratories Licensing Corporation.

SPECIFICATIONS

Tape Transport Mechanism Type	
	DECK A: TCM-50FMSB
	DECK B: TCM-50FMB

0 dB = 0.775V (AF)
0 dB = 1μV (RF)

Amplifier section

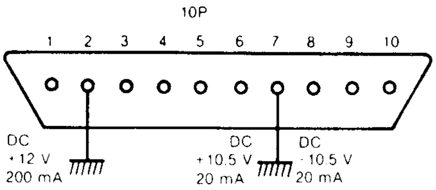
Continuous RMS power output
25 + 25 watts
(6 ohms, at 1 kHz, 5% THD)

Inputs	Sensitivity	Impedance
CD/AUX (phono jacks)	250 mV	50 kilohms
MIC (phone jack)	1 mV	low impedance

Outputs

HEADPHONES (stereo phone jack)	Accepts low impedance headphones
SPEAKER	Accepts speakers of 6 to 16 ohms

10-pin connector of the HST-700W (rear panel)



Tuner section

System FM stereo, FM/AM superheterodyne tuner

FM tuner section

Tuning range 87.5 – 108 MHz (AEP, UK model)
87.6 – 108 MHz (G-AEP model)

Antenna terminals
75 ohms unbalanced

Intermediate frequency
10.7 MHz

Signal-to-noise ratio
70 dB (mono)
65 dB (stereo)

– Continued on page 2 –

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY SHADING AND MARK ⚠ ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

MICROFILM

STEREO DECK RECEIVER

SONY®

AUD

MW/LW tuner section

	MW	LW
Tuning range	531-1,602 kHz	153-344 kHz
Antenna	Ferrite-bar antenna incorporated External antenna terminal	
Intermediate frequency	450 kHz	

Deck section

Recording system
4-track 2-channel stereo

Frequency response	DOLBY NR OFF (DIN) With TYPE IV cassette (Sony METAL-ES) 60 - 15,000 Hz (±3 dB) With TYPE II cassette (Sony UCX) 60 - 14,000 Hz (±3 dB) With TYPE I cassette (Sony HF-S) 60 - 13,000 Hz (±3 dB)

General

Dimensions	Approx. 355 x 256 x 341 mm (w/h/d) (14 x $10\frac{1}{8}$ x $13\frac{1}{2}$ inches) incl. projecting parts and controls
Weight	Approx. 7.2 kg (15 lb 14 oz) net

Power requirements
AEP,G-AEP model : 220 V ac, 50/60 Hz
UK model : 240 V ac, 50 Hz

Note

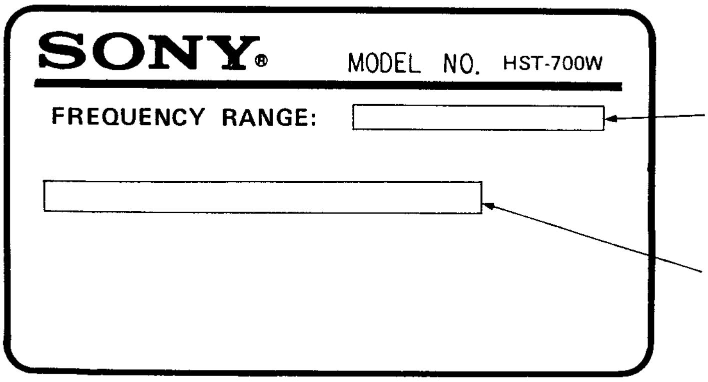
This appliance conforms with EEC Directives 76/889 and 82/499 regarding interference suppression.

FEATURES

- Synchro dubbing function allows tape-to-tape dubbing at normal or high speed.
- Synchro start function allows record dubbing to be made by simply pressing the PHONO DUBBING button.
- Five-band graphic-equalizer to adjust the sound to your preference.
- MIC jack for mixing sound from an external microphone with other sound sources.
- Automatic music sensor (AMS) allows easy repeat playback of the selection being played and easy skipping to the next selection.
- Relay playback from deck A to deck B is possible.
- Single button recording.
- Automatic tape select system sets the optimum bias current and equalization characteristics for the tape being played.
- Dolby NR (noise reduction system) reduces tape hiss and assures high quality recording and playback.
- Record muting function for creating blank intervals on the tape during recording, eliminating unwanted program material.
- When the ▶ button of the tape deck or START/STOP button of the turntable system is pressed, the function is automatically changed.

MODEL IDENTIFICATION

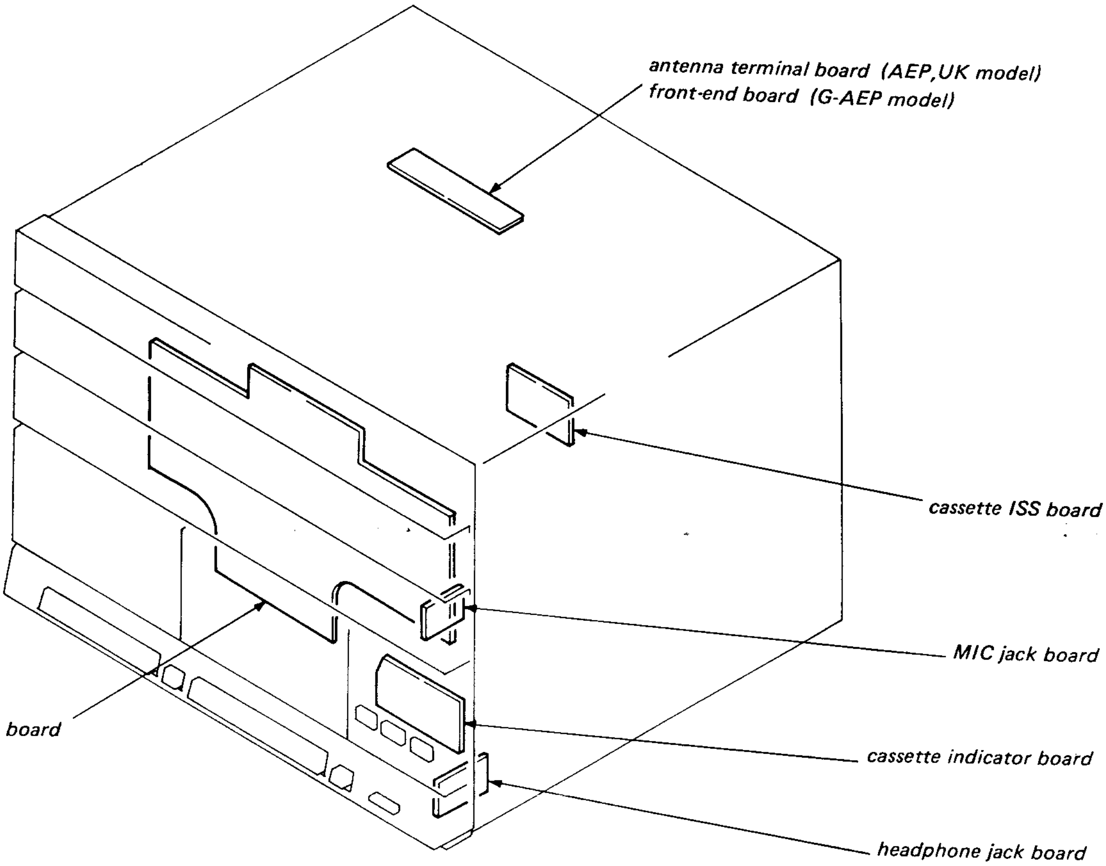
—Specification Label—

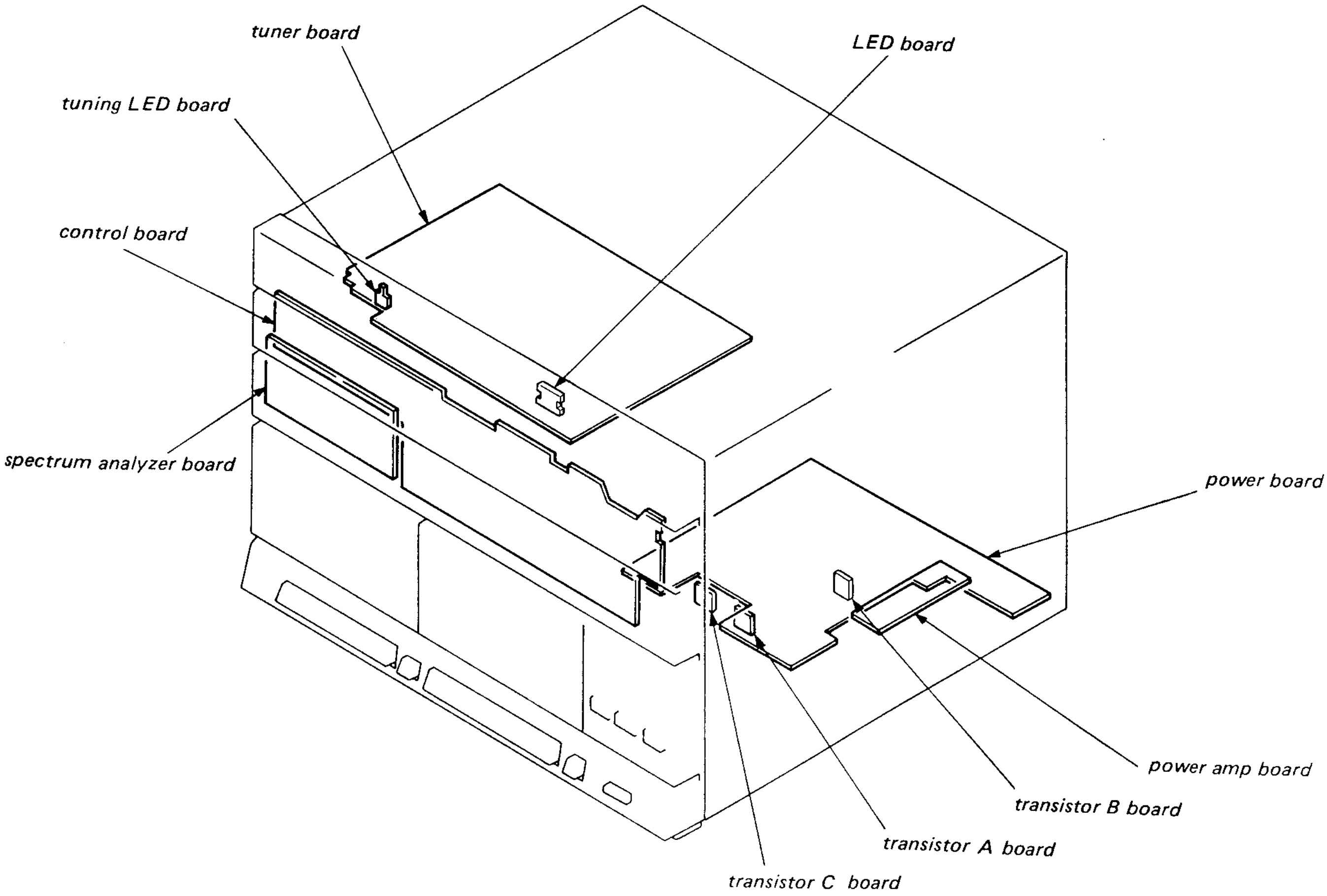


AEP,UK model··········FM 87.5——108MHz
G-AEP model·············FM 87.6——108MHz

AEP,G-AEP model·····AC:220V∼ 50/60Hz 70W
UK model··················AC:240V∼ 50Hz 70W

PC BOARD LAYOUT


antenna terminal board (AEP,UK model)
front-end board (G-AEP model)
cassette ISS board
MIC jack board
cassette (W) amp board
cassette indicator board
headphone jack board


tuner board
LED board
tuning LED board
control board
spectrum analyzer board
power board
power amp board
transistor B board
transistor A board
transistor C board

LOCATION AND FUNCTION OF CONTROLS

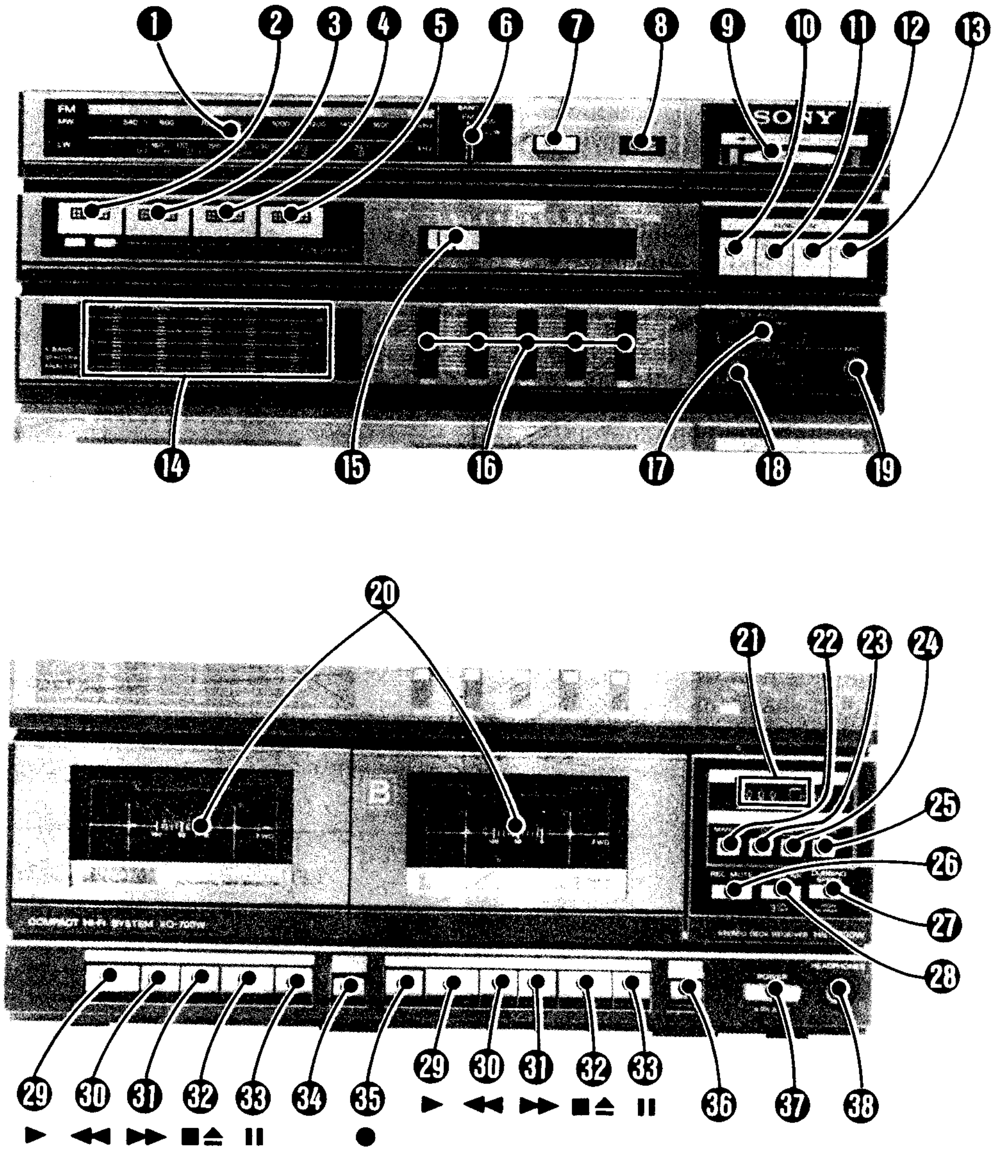

①
②
③
④
⑤
⑥
⑦
⑧
⑨
⑩
⑪
⑫
⑬
⑭
⑮
⑯
⑰
⑱
⑲
⑳
㉑
㉒
㉓
㉔
㉕
㉖
㉗
㉘
㉙ ▶
㉚ ◀◀
㉛ ▶▶
㉜ ■⏏
㉝ ❚❚
㉞
㉟ ●
㉙ ▶
㉚ ◀◀
㉛ ▶▶
㉜ ■⏏
㉝ ❚❚
㊱
㊲
㊳
SONY
B
COMPACT HI-FI SYSTEM XO-700W

PHOTO: AEP model

① **Frequency scale**

② **TAPE indicator**

③ **CD/AUX indicator**

④ **TUNER indicator**

⑤ **PHONO indicator**

⑥ **BAND selector**
Selects the desired band.

⑦ **STEREO/MUTING button**
Normally keep this button depressed to eliminate FM interstation noise while tuning from station to station. The tuner operates in stereo mode for stereo sound sources and will be automatically switched to mono mode for monaural sound sources.

⑧ **STEREO indicator**
This indicator will light when an FM stereo program of sufficient strength is tuned in with the STEREO/-MUTING button depressed.

⑨ **TUNING knob**

⑩ **TAPE key**
Press this key to change the function to TAPE when you want to listen to a taped program during tape dubbing, after listening to another program source. When the ▶ button or TAPE DUBBING button is depressed, there is no need to press the TAPE key.

⑪ **CD/AUX key**
Press this key to listen to or record an auxiliary program (connected to the CD/AUX inputs on the rear panel).

⑫ **TUNER key**
Press this key to listen to a radio program after listening to another program source. Normally, when the power is turned on, TUNER is automatically selected.

⑬ **PHONO key**
Press this key when you want to listen to a record during record dubbing, after listening to another program source.
Normally, when the START/STOP button of the turntable system or the PHONO DUBBING button of the tape deck is pressed, PHONO is automatically selected.

⑭ **Spectrum analyzer**

⑮ **VOLUME control**

⑯ **Graphic equalizer controls**
63 Hz: Use this control to boost or cut the bass.
250 Hz: Use this control to adjust the middle frequency range.
1 kHz: Use this control to provide more presence of vocals.
4 kHz: Use this control to adjust the brightness of sound.
12 kHz: This control effects general treble. Slide downwards to reduce high frequency noise, such as tape hiss.

⑰ **BALANCE control**

⑱ **MIC LEVEL control**
Slide the control towards MAX for more microphone volume.
When a microphone is not used, slide this control completely to MIN.

⑲ **MIC (microphone) jack** (phone jack)

⑳ **Cassette holder**

㉑ **TAPE COUNTER and RESET button**

㉒ **MANUAL REC indicator**
Lights up when the REC ● button is depressed.

㉓ **DUBBING ꝏ indicator**
Lights up when the TAPE DUBBING button is depressed.

㉔ **DUBBING ⊘ indicator**
Lights up when the PHONO DUBBING button is depressed.

㉕ **HIGH SPEED indicator**
Lights up during high speed tape-to-tape dubbing.

㉖ **REC MUTE button**
Press this button to eliminate unwanted material and to insert a blank space during recording.

㉗ **DUBBING SPEED button**
Press this button to select the dubbing speed for tape-to-tape dubbing.
For high speed dubbing, depress this button (HIGH ▭).
For normal speed dubbing, keep this button released (NORMAL ▭).

㉘ **DOLBY NR button**
Depress this button (ON) for recording or playback with the Dolby NR process. Press again to disengage (OFF).
The Dolby NR system built in this deck is commonly used for deck A and deck B.
When both decks A and B are activated, only the sound from deck B passes through the Dolby NR system.

㉙ **▶ (playback) button**

㉚ **◀◀ (rewind) button**

㉛ **▶▶ (fast-forward) button**

㉜ **■⏏ (stop/eject) button**

㉝ **❚❚ (pause) button**

㉞ **TAPE DUBBING button**
Depress this button for tape-to-tape dubbing.

㉟ **● (recording) button**

㊱ **PHONO DUBBING button**
Depress this button for record dubbing.

㊲ **POWER switch**

㊳ **HEADPHONES jack** (stereo phone jack)

Rear panel

ISS (Interference suppress switch)
If interference is encountered while recording MW or LW program, slide the switch to 2 or 3 position depending on which best reduces the noise. Normally set the switch to 1 position.

RELAY PLAYBACK

When the ▶ button of deck B is depressed during playback of deck A, relay play from deck A to deck B is possible. Relay play from deck B to deck A cannot be made.

Note
For relay playback, be sure to press the button of deck B only when deck B is in the stop mode.
Playback of deck B will not wait for deck A playback to end if the ◀◀ or ▶▶ button of deck B is depressed and then the ▶ button, during playback of deck A.

TAPE DUBBING (from deck A to deck B)

AUTO DUBBING

The sound played back on deck A can be recorded on deck B. During dubbing, it is not necessary to set the DOLBY NR button.
To monitor the tape sound recorded using the Dolby NR system, depress the DOLBY NR button.

Note
During dubbing, avoid changing the setting of the DUBBING SPEED button.
This causes excessive wow and flutter.

MANUAL DUBBING

The sound played back on deck A can be recorded on deck B using the graphic equalizer.

RECORD DUBBING

Before operation, be sure that the flat cable connection is made securely.

AUTO DUBBING

- Use deck B.
- The Dolby NR system does not activate.

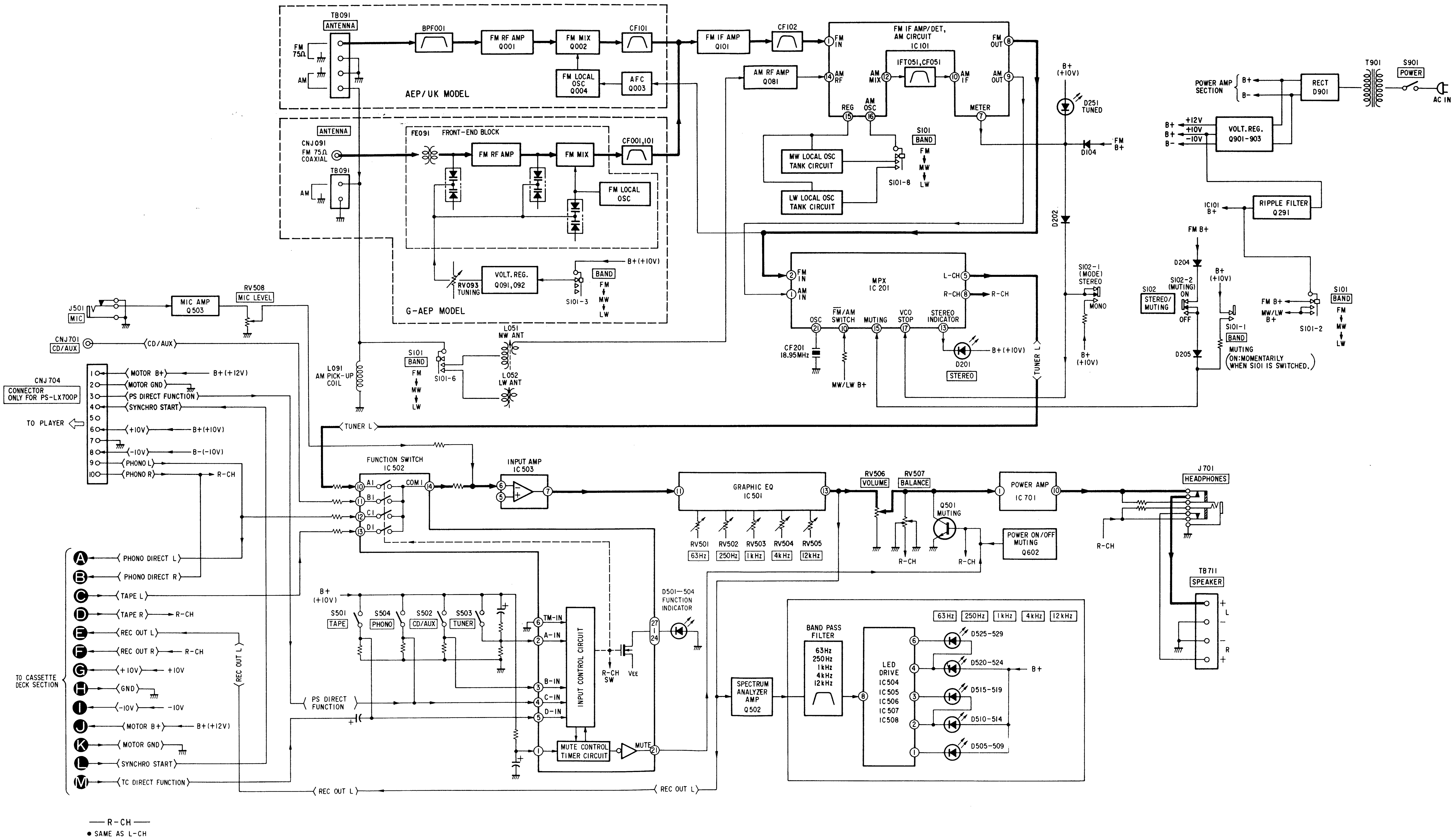
Note
High speed dubbing of a record cannot be made. If you accidentally depress the DUBBING SPEED button, the recording will contain wow and flutter.

MANUAL DUBBING

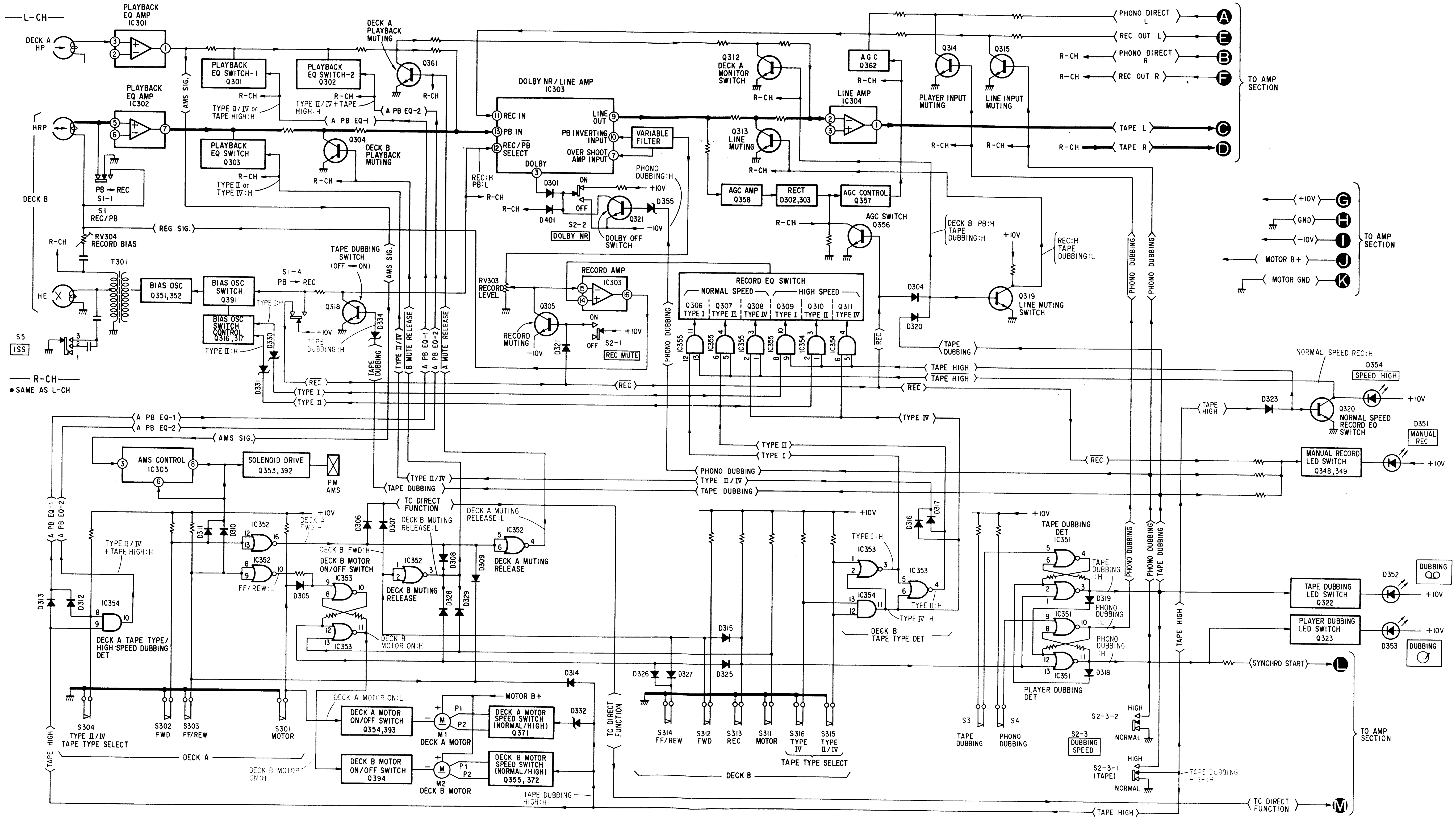
- Use deck B.
- The sound to be recorded can be processed with the Dolby NR system and graphic equalizer.
- Before dubbing, adjust the tone quality using the graphic equalizer controls.

SECTION 1
OUTLINE

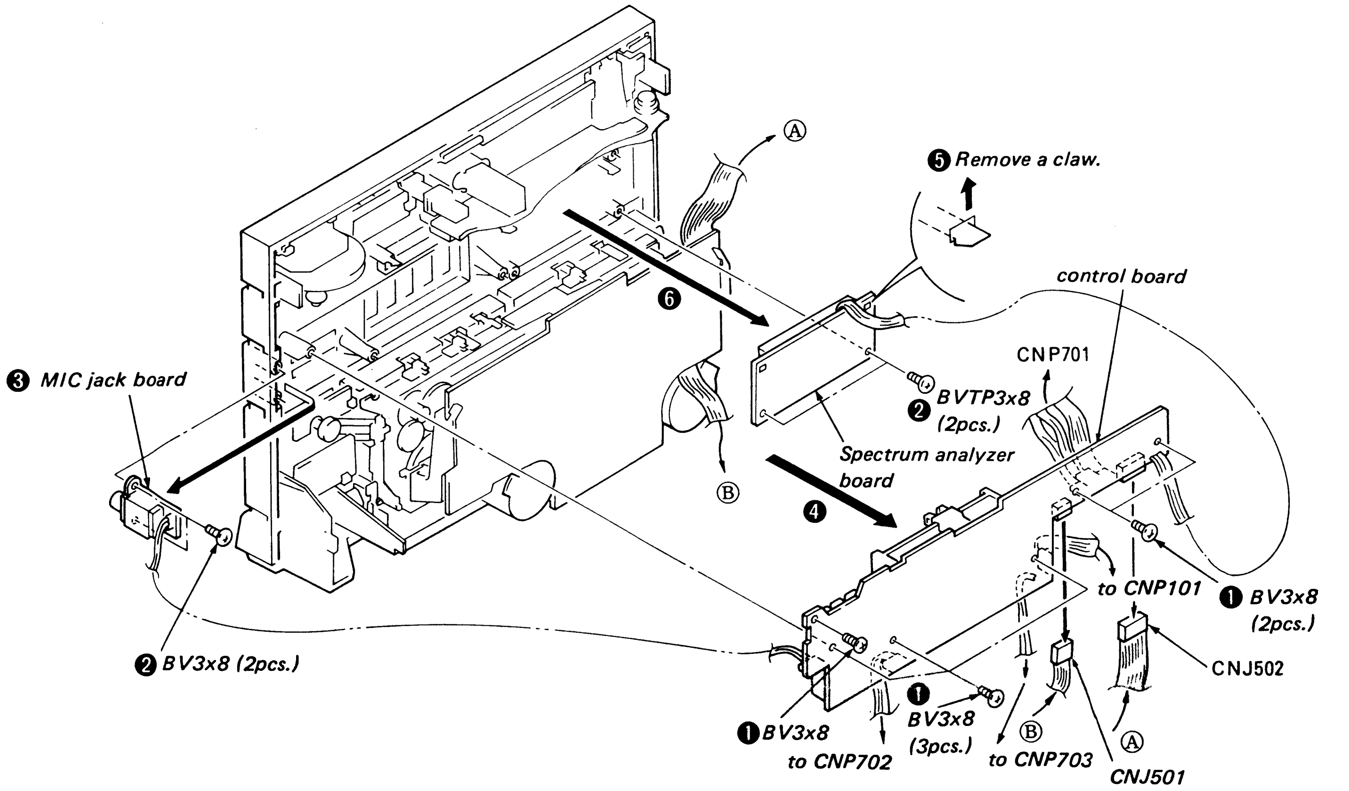
1-1. BLOCK DIAGRAM
– Tuner/Amplifier Section –


TB091 ANTENNA
FM 75Ω
AM
BPF001
FM RF AMP Q001
FM MIX Q002
CF101
FM LOCAL OSC Q004
AFC Q003
AEP/UK MODEL
FM IF AMP Q101
CF102
FM IF AMP/DET, AM CIRCUIT IC101
FM IN
FM OUT
AM RF
AM MIX
IFT051, CF051
AM IF
AM OUT
REG
AM OSC
METER
AM RF AMP Q081
S101 BAND
FM
MW
LW
MW LOCAL OSC TANK CIRCUIT
LW LOCAL OSC TANK CIRCUIT
S101-8
B+ (+10V)
D251 TUNED
D104
FM B+
D202
ANTENNA
CNJ091
FM 75Ω COAXIAL
TB091
FE091 FRONT-END BLOCK
FM RF AMP
FM MIX
CF001, 101
FM LOCAL OSC
VOLT. REG. Q091, 092
RV093 TUNING
B+ (+10V)
BAND
S101-3
G-AEP MODEL
MPX IC201
FM IN
AM IN
L-CH
R-CH
OSC
FM/AM SWITCH
MUTING
VCO STOP
STEREO INDICATOR
CF201 18.95MHz
MW/LW B+
D201
STEREO
TUNER L
S102-1 (MODE) STEREO MONO
S102-2 (MUTING) ON OFF
S102 STEREO/MUTING
D204
D205
FM B+
B+ (+10V)
S101-1 BAND
MUTING (ON: MOMENTARILY WHEN S101 IS SWITCHED.)
S101 BAND
FM B+
MW/LW B+
S101-2
POWER AMP SECTION
RECT D901
T901
S901 POWER
AC IN
+12V
+10V
-10V
VOLT. REG. Q901-903
IC101 B+
RIPPLE FILTER Q291
J501 MIC
MIC AMP Q503
RV508 MIC LEVEL
CNJ701 CD/AUX
L051 MW ANT
L052 LW ANT
L091 AM PICK-UP COIL
S101-6
CNJ704 CONNECTOR ONLY FOR PS-LX700P
TO PLAYER
MOTOR B+
MOTOR GND
PS DIRECT FUNCTION
SYNCHRO START
+10V
-10V
PHONO L
PHONO R
B+ (+12V)
B+ (+10V)
B- (-10V)
R-CH
FUNCTION SWITCH IC502
A1 B1 C1 D1 COM 1
INPUT AMP IC503
GRAPHIC EQ IC501
RV501 RV502 RV503 RV504 RV505
63Hz 250Hz 1kHz 4kHz 12kHz
RV506 VOLUME
RV507 BALANCE
Q501 MUTING
POWER ON/OFF MUTING Q602
POWER AMP IC701
J701 HEADPHONES
TB711 SPEAKER
L R
PHONO DIRECT L
PHONO DIRECT R
TAPE L
TAPE R
REC OUT L
REC OUT R
+10V
GND
-10V
MOTOR B+
MOTOR GND
SYNCHRO START
TC DIRECT FUNCTION
TO CASSETTE DECK SECTION
B+ (+10V)
S501 TAPE
S504 PHONO
S502 CD/AUX
S503 TUNER
TM-IN A-IN B-IN C-IN D-IN
INPUT CONTROL CIRCUIT
MUTE CONTROL TIMER CIRCUIT
MUTE
R-CH SW
VEE
D501-504 FUNCTION INDICATOR
PS DIRECT FUNCTION
SPECTRUM ANALYZER AMP Q502
BAND PASS FILTER 63Hz 250Hz 1kHz 4kHz 12kHz
LED DRIVE IC504 IC505 IC506 IC507 IC508
D525-529
D520-524
D515-519
D510-514
D505-509
B+
REC OUT L
— R-CH —
• SAME AS L-CH

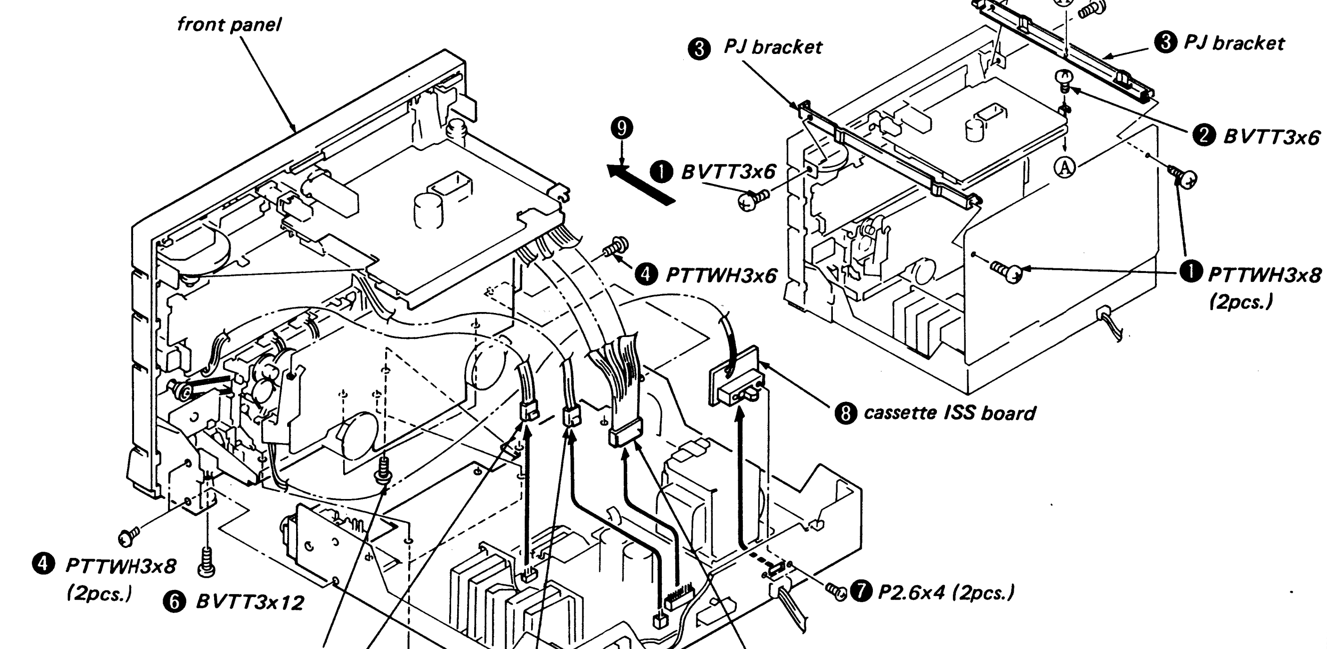
— Cassette Deck Section —


L-CH
DECK A HP
PLAYBACK EQ AMP IC301
PLAYBACK EQ AMP IC302
HRP
DECK B
PB → REC S1-1
S1 REC/PB
R-CH
RV304 RECORD BIAS
T301
HE
BIAS OSC Q351,352
BIAS OSC SWITCH Q391
BIAS OSC SWITCH CONTROL Q316,317
S5
ISS
R-CH
• SAME AS L-CH
PLAYBACK EQ SWITCH-1 Q301
PLAYBACK EQ SWITCH-2 Q302
PLAYBACK EQ SWITCH Q303
TYPE II/IV or TAPE HIGH:H
TYPE II/IV+TAPE HIGH:H
TYPE II or TYPE IV:H
A PB EQ-1
A PB EQ-2
AMS SIG.
REG SIG.
DECK A PLAYBACK MUTING
Q361
Q304
DECK B PLAYBACK MUTING
TAPE DUBBING SWITCH (OFF → ON)
S1-4 PB → REC
Q318
TYPE I:H
TAPE DUBBING:H
TYPE II:H
D330
D331
D334
TAPE DUBBING
TYPE II/IV
B MUTE RELEASE
A MUTE RELEASE
REC
TYPE I
TYPE II
DOLBY NR/LINE AMP IC303
REC IN
PB IN
REC/PB SELECT
LINE OUT
PB INVERTING INPUT
OVER SHOOT AMP INPUT
DOLBY
VARIABLE FILTER
REC:H PB:L
D301
D401
Q321
D355
S2-2 DOLBY NR
DOLBY OFF SWITCH
PHONO DUBBING:H
RV303 RECORD LEVEL
RECORD AMP IC303
Q305
RECORD MUTING
D321
S2-1 REC MUTE
Q312 DECK A MONITOR SWITCH
Q313 LINE MUTING
AGC AMP Q358
RECT D302,303
AGC CONTROL Q357
AGC SWITCH Q356
AGC Q362
LINE AMP IC304
RECORD EQ SWITCH
NORMAL SPEED
HIGH SPEED
Q306 TYPE I
Q307 TYPE II
Q308 TYPE IV
Q309 TYPE I
Q310 TYPE II
Q311 TYPE IV
IC355
IC354
Q314
Q315
PLAYER INPUT MUTING
LINE INPUT MUTING
DECK B PB:H TAPE DUBBING:H
REC:H TAPE DUBBING:L
D304
D320
Q319 LINE MUTING SWITCH
PHONO DIRECT L
REC OUT L
PHONO DIRECT R
REC OUT R
TAPE L
TAPE R
TO AMP SECTION
+10V
GND
-10V
MOTOR B+
MOTOR GND
TAPE HIGH
TYPE IV
NORMAL SPEED REC:H
D354 SPEED HIGH
D323
Q320 NORMAL SPEED RECORD EQ SWITCH
D351 MANUAL REC
MANUAL RECORD LED SWITCH Q348,349
AMS CONTROL IC305
SOLENOID DRIVE Q353,392
PM AMS
PHONO DUBBING
TC DIRECT FUNCTION
DECK A MUTING RELEASE:L
DECK B MUTING RELEASE:L
IC352
DECK B FWD:H
DECK B MOTOR ON/OFF SWITCH
FF/REW:L
IC353
DECK B MUTING RELEASE
DECK A MUTING RELEASE
DECK B MOTOR ON:H
D305
D306
D307
D308
D309
D310
D311
D312
D313
D328
D329
IC354
TYPE II/IV + TAPE HIGH:H
DECK A TAPE TYPE/HIGH SPEED DUBBING DET
S304 TYPE II/IV TAPE TYPE SELECT
S302 FWD
S303 FF/REW
S301 MOTOR
DECK A
DECK A MOTOR ON:L
DECK A MOTOR ON/OFF SWITCH Q354,393
M1 DECK A MOTOR
DECK A MOTOR SPEED SWITCH (NORMAL/HIGH) Q371
DECK B MOTOR ON/OFF SWITCH Q394
M2 DECK B MOTOR
DECK B MOTOR SPEED SWITCH (NORMAL/HIGH) Q355,372
DECK B MOTOR ON:H
TAPE DUBBING HIGH:H
D314
D332
D315
D325
D326
D327
S314 FF/REW
S312 FWD
S313 REC
S311 MOTOR
S316 TYPE IV
S315 TYPE II/IV
TAPE TYPE SELECT
DECK B
TYPE I:H
TYPE IV:H
TYPE II:H
D316
D317
DECK B TAPE TYPE DET
TAPE DUBBING DET IC351
TAPE DUBBING:H
PHONO DUBBING:L
PHONO DUBBING:H
D318
D319
PLAYER DUBBING DET
S3 TAPE DUBBING
S4 PHONO DUBBING
S2-3-2
S2-3 DUBBING SPEED
S2-3-1 (TAPE)
HIGH
NORMAL
TAPE DUBBING LED SWITCH Q322
PLAYER DUBBING LED SWITCH Q323
D352 DUBBING
D353 DUBBING
SYNCHRO START
TC DIRECT FUNCTION
A
B
C
D
E
F
G
H
I
J
K
L
M

CONTROL BOARD/SPECTRUM ANALYZER BOARD


❺ Remove a claw.
Ⓐ
❻
control board
CNP701
❸ MIC jack board
❷ BVTP3x8 (2pcs.)
Spectrum analyzer board
Ⓑ
❹
to CNP101
❶ BV3x8 (2pcs.)
CNJ502
❷ BV3x8 (2pcs.)
❶ BV3x8 to CNP702
❶ BV3x8 (3pcs.)
Ⓑ to CNP703
Ⓐ CNJ501

FRONT PANEL

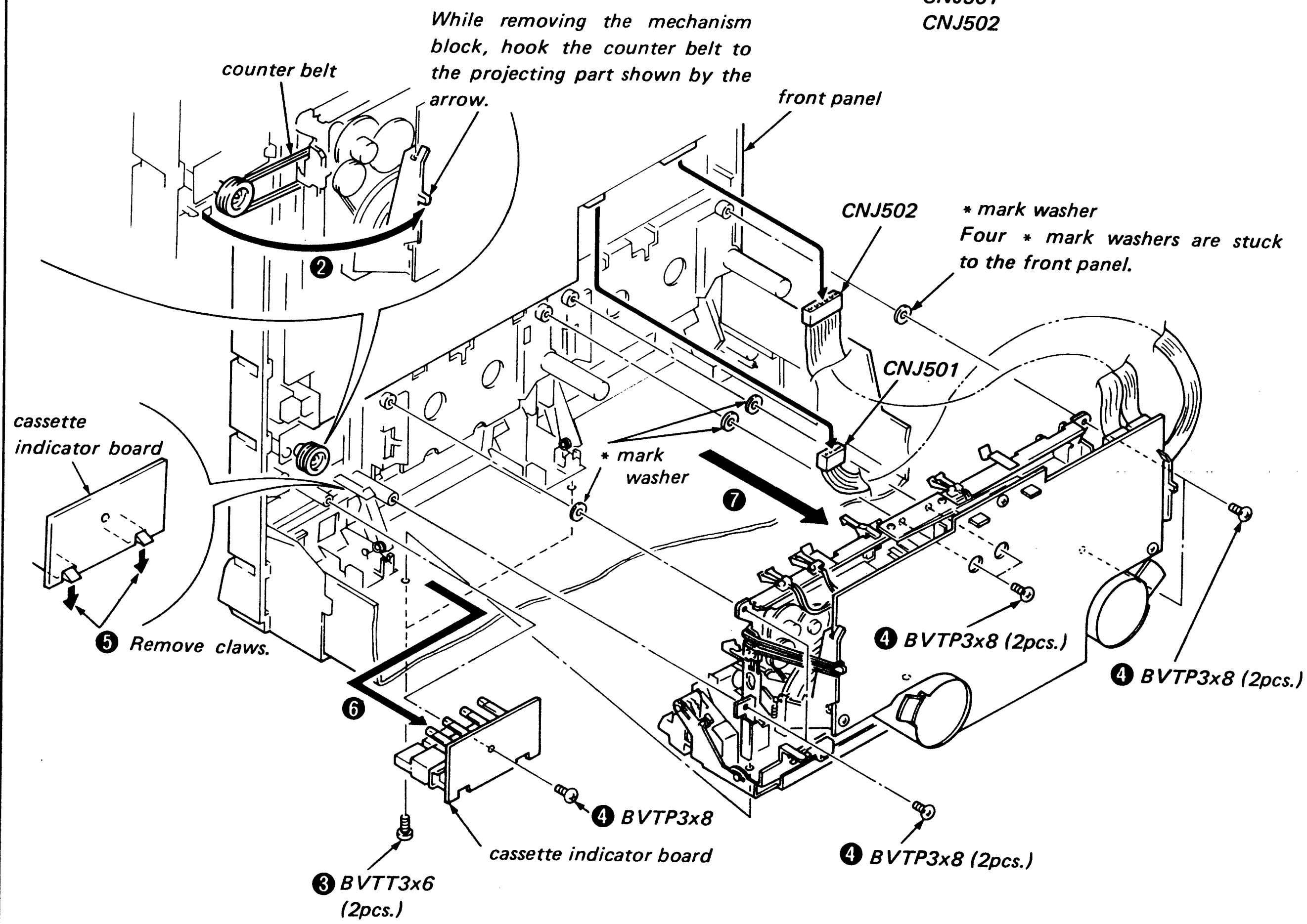

front panel
❸ PJ bracket
❾
❶ BVTT3x6
Ⓐ
❶ BVTT3x6
❸ PJ bracket
❷ BVTT3x6
Ⓐ
❶ PTTWH3x8 (2pcs.)
❹ PTTWH3x6
❽ cassette ISS board
❼ P2.6x4 (2pcs.)
❹ PTTWH3x8 (2pcs.)
❻ BVTT3x12
❹ PTTWH3x8 (3pcs.)
❺ BVTT3x6 (2pcs.)
CNJ702
CNJ703
CNJ701

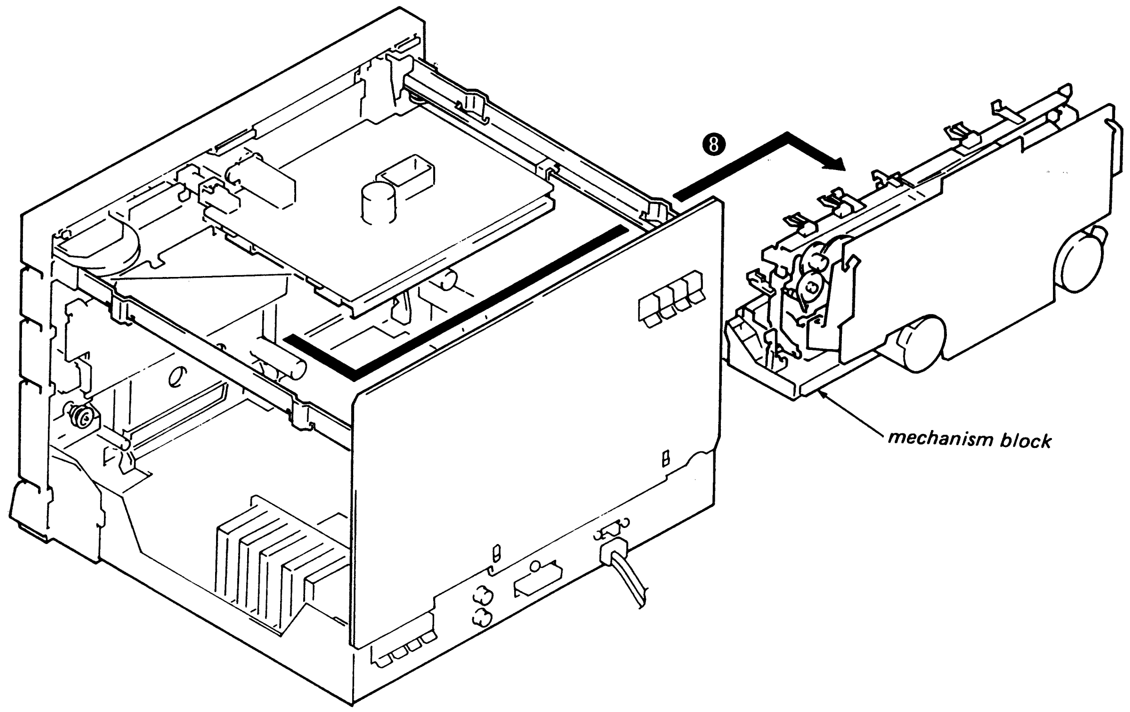
Pull out the following connectors from power board.
CNJ701
CNJ702
CNJ703

MECHANISM BLOCK

❶ Press EJECT button and open the cassette holder.

Pull out the following connectors from control board.
CNJ501
CNJ502


While removing the mechanism block, hook the counter belt to the projecting part shown by the arrow.
counter belt
front panel
❷
CNJ502
* mark washer
Four * mark washers are stuck to the front panel.
CNJ501
cassette indicator board
* mark washer
❼
❺ Remove claws.
❻
❹ BVTP3x8 (2pcs.)
❹ BVTP3x8 (2pcs.)
❹ BVTP3x8
cassette indicator board
❹ BVTP3x8 (2pcs.)
❸ BVTT3x6 (2pcs.)


❽
mechanism block

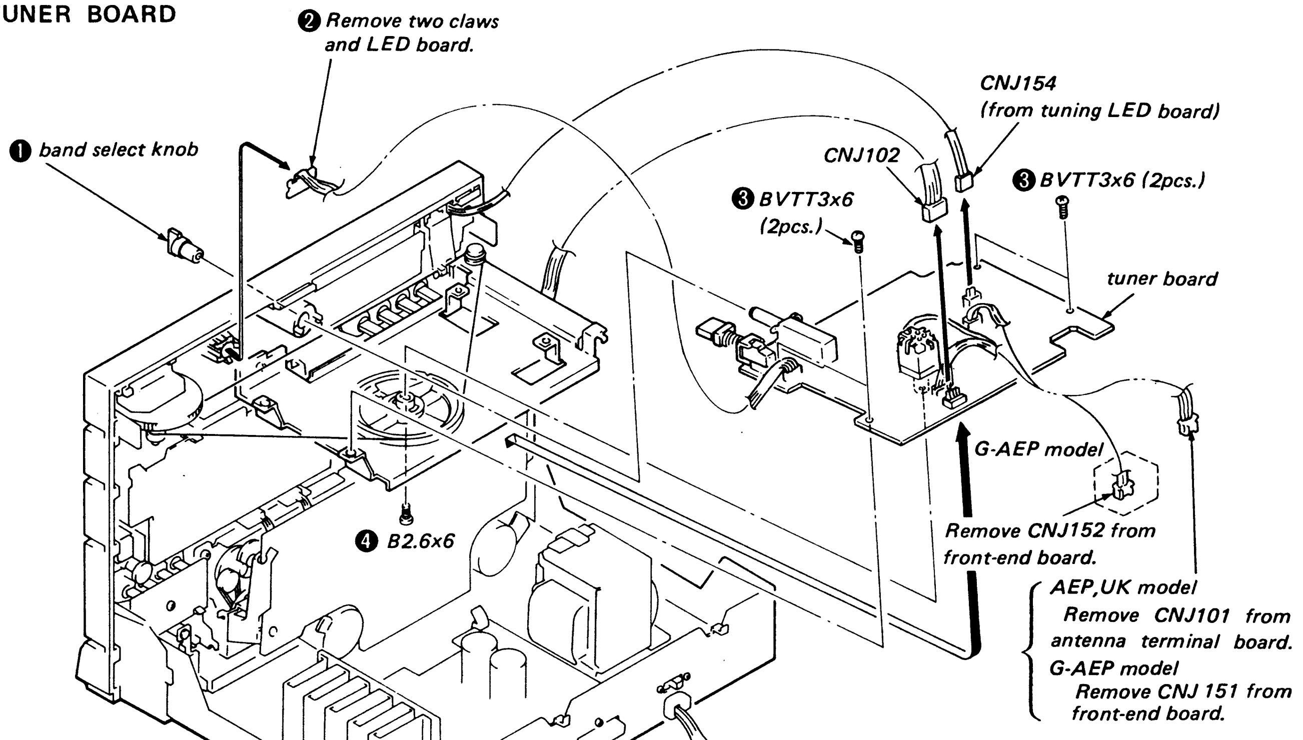
SECTION 2
DISASSEMBLY

Note: Follow the disassembly procedure in the numerical order given.

CASE

Remove case by taking out six screws (M3 case screw) securing case.

TUNER BOARD


❷ Remove two claws and LED board.
❶ band select knob
CNJ154 (from tuning LED board)
CNJ102
❸ BVTT3x6 (2pcs.)
❸ BVTT3x6 (2pcs.)
tuner board
G-AEP model
❹ B2.6x6

Remove CNJ152 from front-end board.

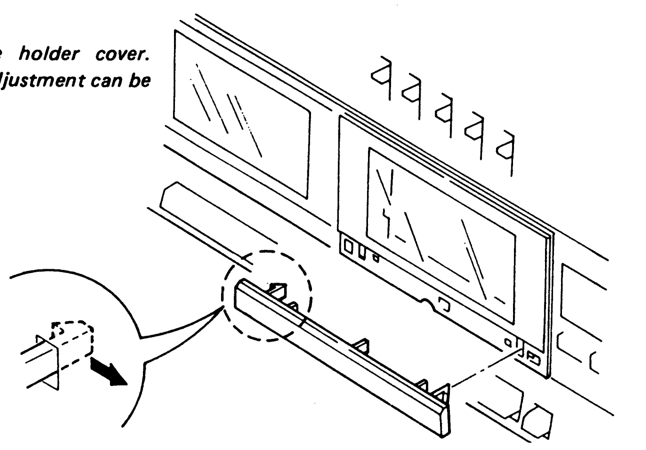
AEP,UK model
Remove CNJ101 from antenna terminal board.
G-AEP model
Remove CNJ 151 from front-end board.

Pull out the following connectors.
from tuner board
CNJ102
CNJ154
from antenna terminal board or front-end board
CNJ101--- AEP, UK model
CNJ 151, 152 --- G-AEP model

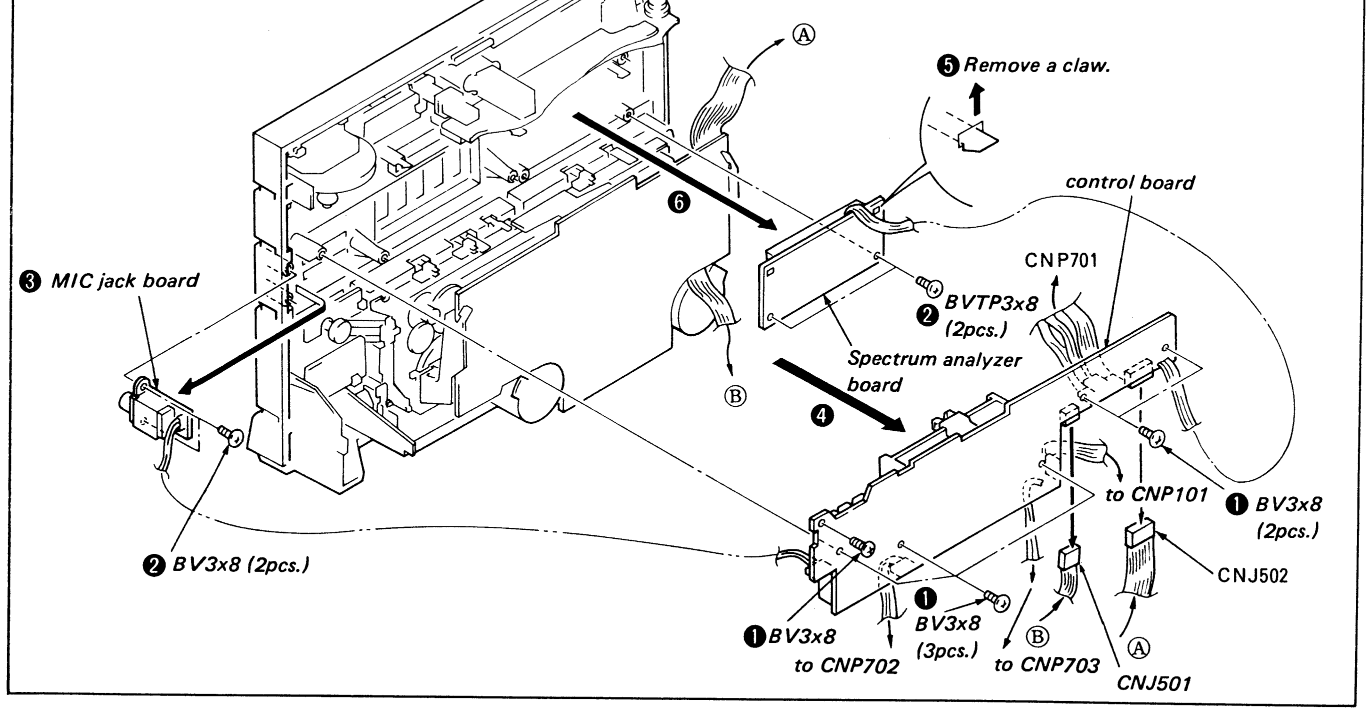
DIAL CORD STRINGING
(See page 16.)

HOLDER COVER

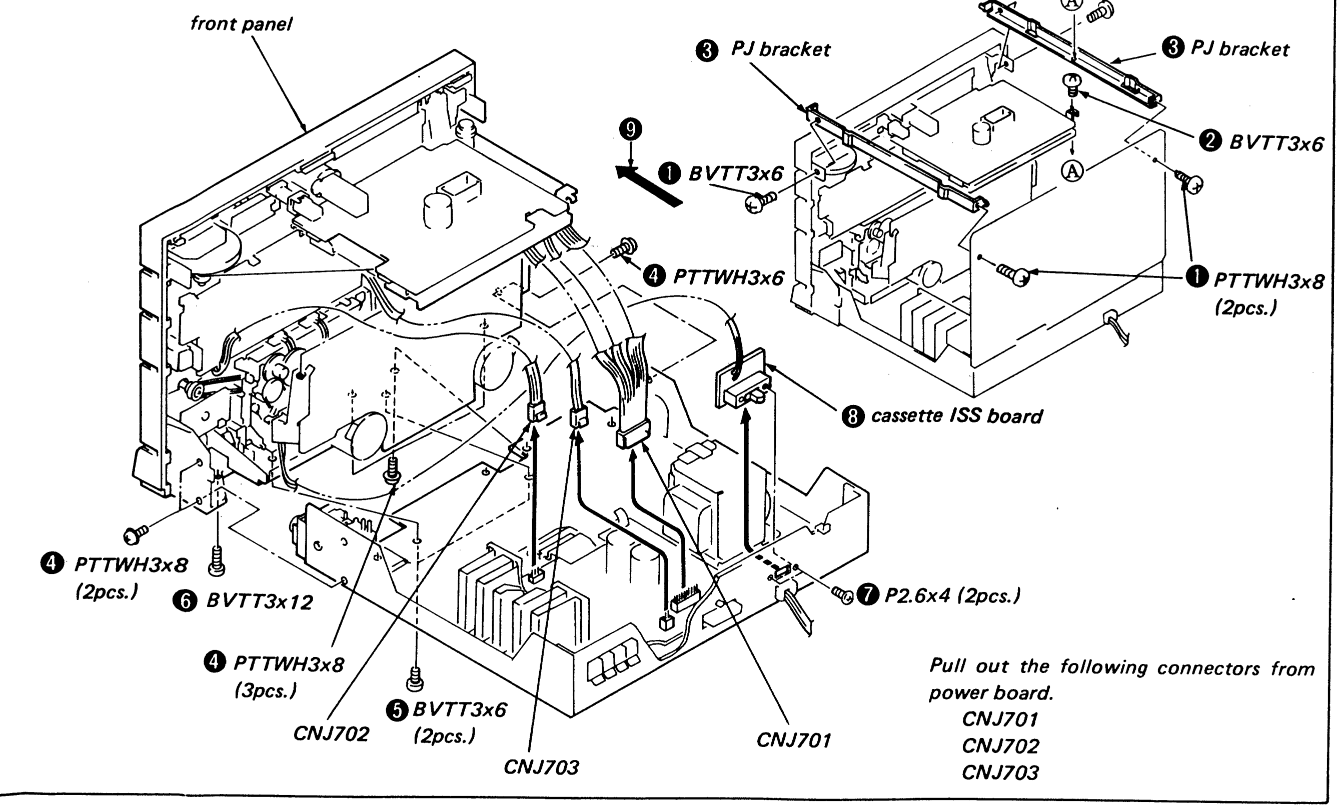
Remove two claws securing the holder cover. Record/playback Head Azimuth adjustment can be performed.



CONTROL BOARD/SPECTRUM ANALYZER BOARD


Ⓐ
❺ Remove a claw.
control board
❻
❸ MIC jack board
CNP701
❷ BVTP3x8 (2pcs.)
Spectrum analyzer board
Ⓑ
❹
to CNP101
❶ BV3x8 (2pcs.)
CNJ502
❷ BV3x8 (2pcs.)
❶ BV3x8
to CNP702
❶ BV3x8 (3pcs.)
Ⓑ
to CNP703
Ⓐ
CNJ501

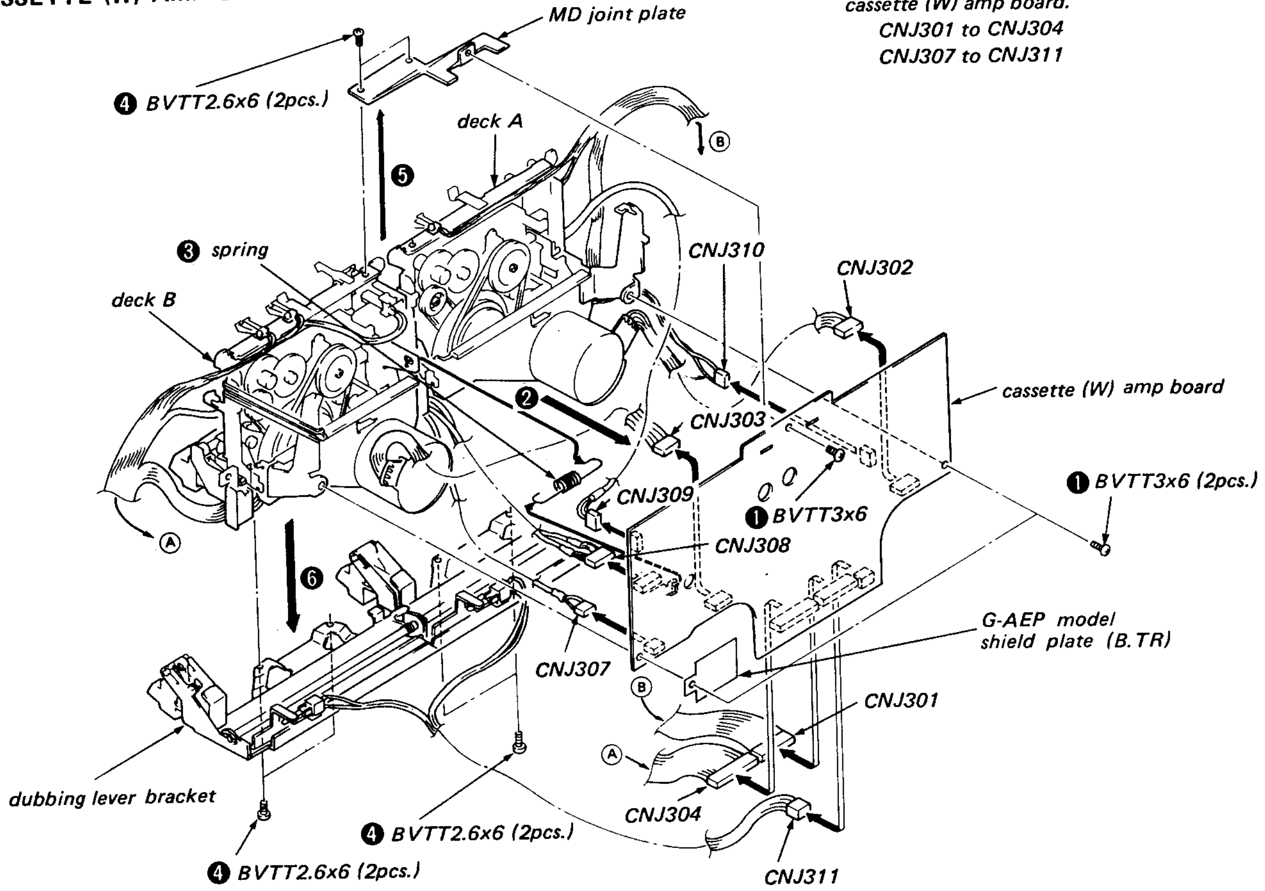
FRONT PANEL


front panel
Ⓐ
❶ BVTT3x6
❸ PJ bracket
❸ PJ bracket
❾
❶ BVTT3x6
❷ BVTT3x6
Ⓐ
❹ PTTWH3x6
❶ PTTWH3x8 (2pcs.)
❽ cassette ISS board
❹ PTTWH3x8 (2pcs.)
❻ BVTT3x12
❼ P2.6x4 (2pcs.)
❹ PTTWH3x8 (3pcs.)
❺ BVTT3x6 (2pcs.)
CNJ702
CNJ703
CNJ701

Pull out the following connectors from power board.
CNJ701
CNJ702
CNJ703

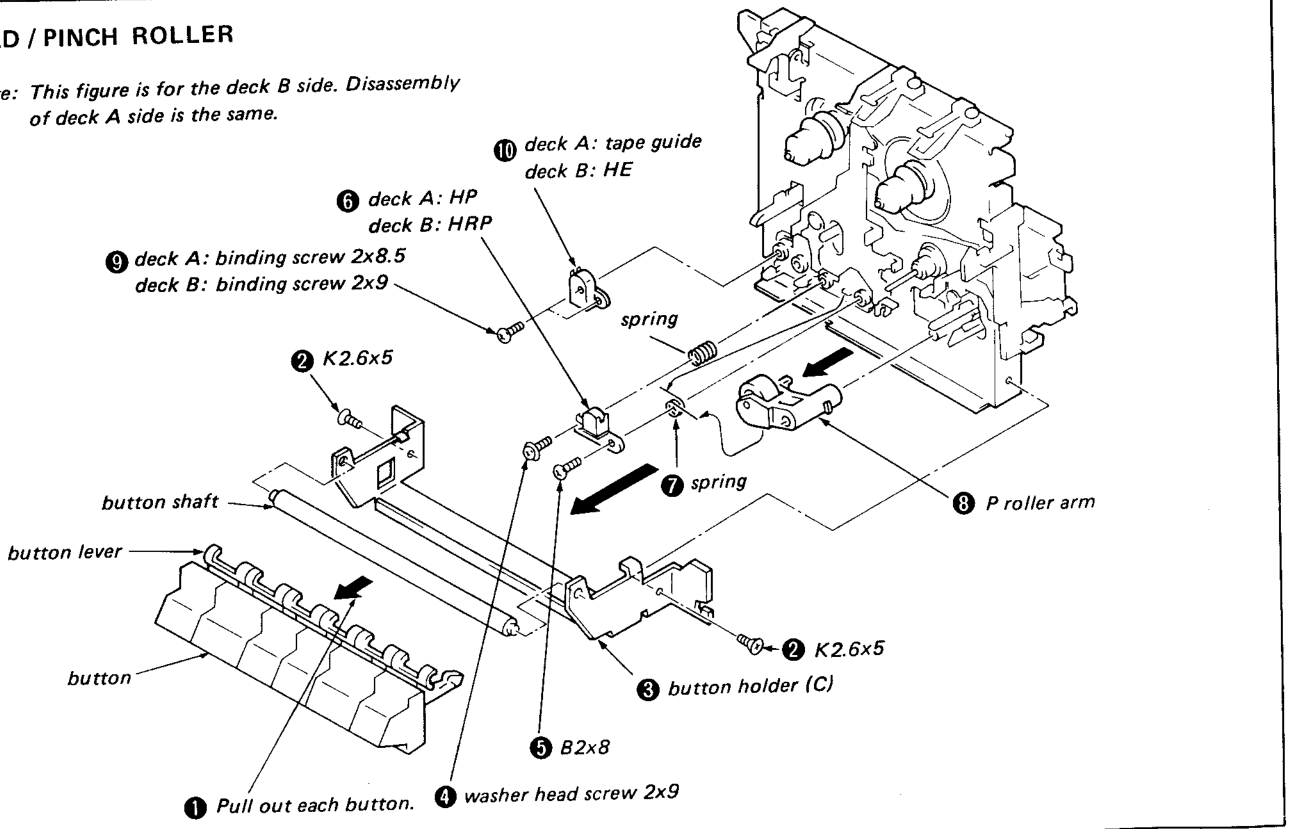
CASSETTE (W) AMP BOARD/DECK A/DECK B

Pull out the following connectors from cassette (W) amp board.
CNJ301 to CNJ304
CNJ307 to CNJ311

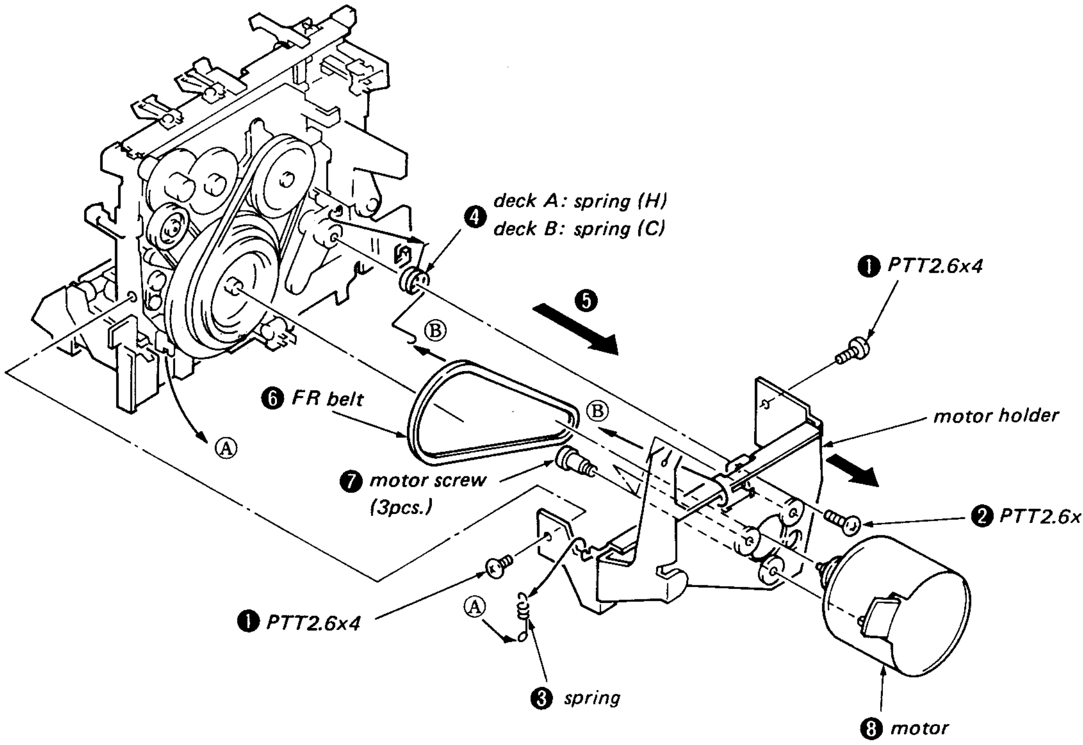

MD joint plate
❹ BVTT2.6x6 (2pcs.)
deck A
Ⓑ
❺
❸ spring
CNJ310
CNJ302
deck B
❷
cassette (W) amp board
CNJ303
❶ BVTT3x6 (2pcs.)
CNJ309
❶ BVTT3x6
Ⓐ
CNJ308
❻
G-AEP model
shield plate (B.TR)
CNJ307
Ⓑ
CNJ301
Ⓐ
dubbing lever bracket
CNJ304
❹ BVTT2.6x6 (2pcs.)
❹ BVTT2.6x6 (2pcs.)
CNJ311

HEAD / PINCH ROLLER

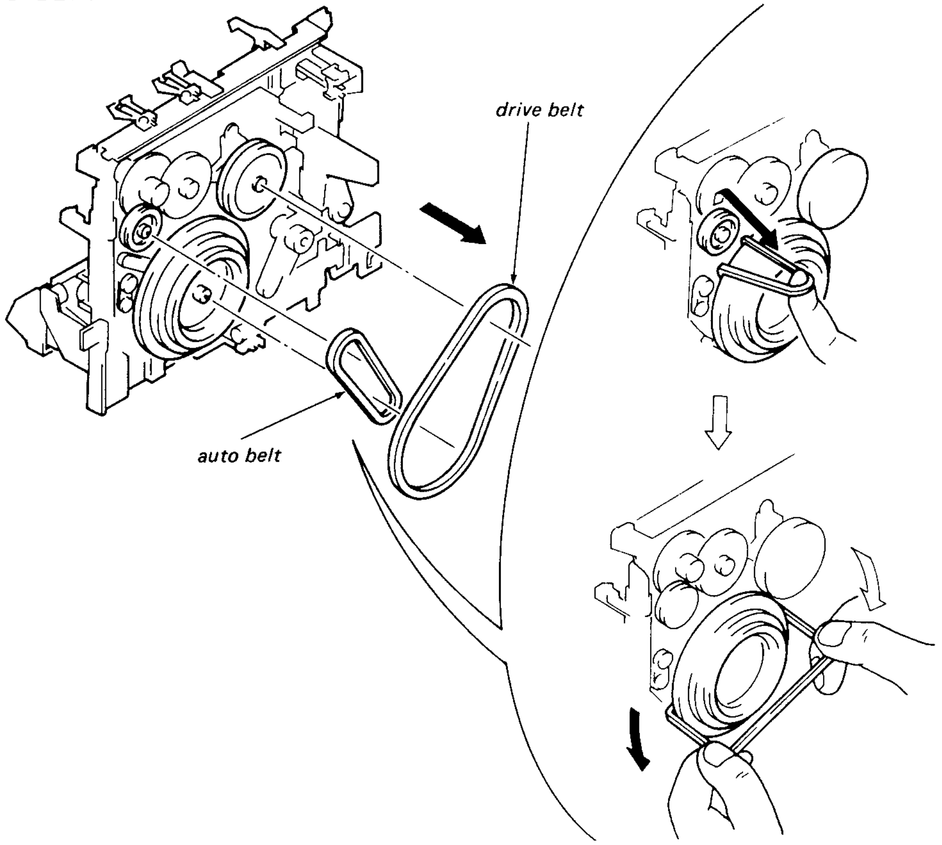
Note: This figure is for the deck B side. Disassembly of deck A side is the same.


❿ deck A: tape guide
deck B: HE
❻ deck A: HP
deck B: HRP
❾ deck A: binding screw 2x8.5
deck B: binding screw 2x9
spring
❷ K2.6x5
❼ spring
❽ P roller arm
button shaft
button lever
❷ K2.6x5
button
❸ button holder (C)
❺ B2x8
❶ Pull out each button.
❹ washer head screw 2x9

MOTOR/FR BELT


❹ deck A: spring (H)
deck B: spring (C)
❶ PTT2.6x4
❺
Ⓑ
❻ FR belt
Ⓑ
motor holder
Ⓐ
❼ motor screw
(3pcs.)
❷ PTT2.6x6
❶ PTT2.6x4
Ⓐ
❸ spring
❽ motor

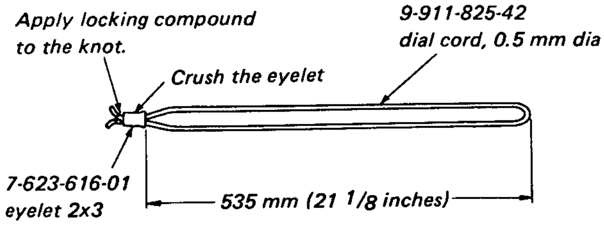
DRIVE BELT/AUTO BELT


drive belt
auto belt

DIAL CORD STRINGING

- Remove tuner board. (Refer to page 11.)

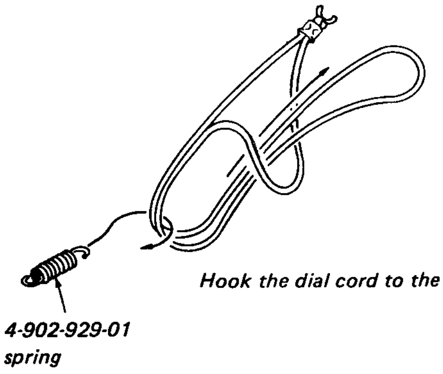
1) Preparation


Apply locking compound to the knot.

Crush the eyelet

9-911-825-42 dial cord, 0.5 mm dia

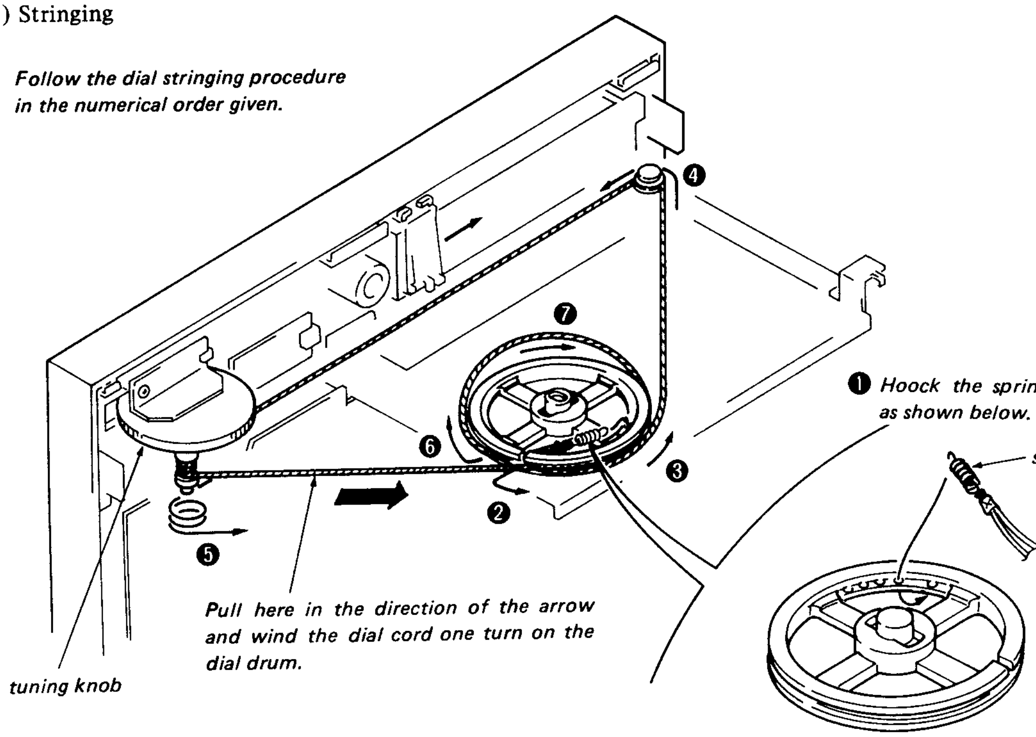
7-623-616-01 eyelet 2x3


Hook the dial cord to the spring.

4-902-929-01 spring

2) Stringing

Follow the dial stringing procedure in the numerical order given.



❶ *Hoock the spring to the hole specified as shown below.*

Pull here in the direction of the arrow and wind the dial cord one turn on the dial drum.

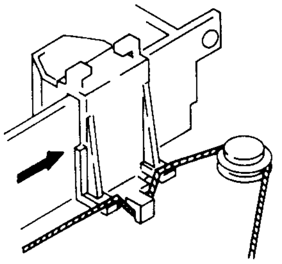
3) Dial Pointer Installation

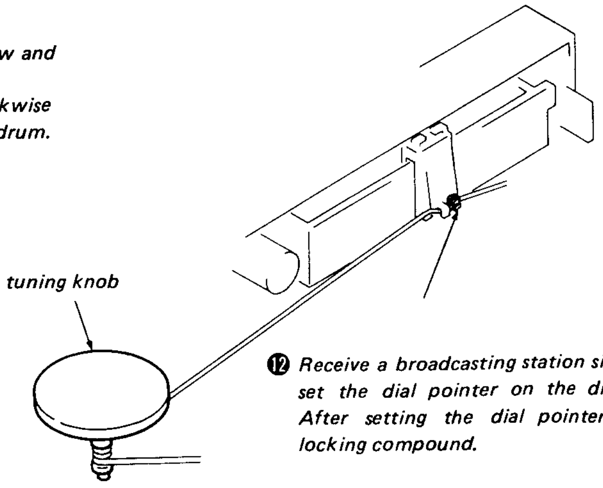
❽ *Turn the tuning knob fully clockwise.*

❾ *Set the dial pointer fully in the direction of the arrow and string the dial pointer.*

❿ *Turn the tuning capacitor shaft fully counterclockwise (MIN) and set the tuning capacitor shaft in the dial drum.*

⓫ *Install tuner board.*





⓬ *Receive a broadcasting station signal and set the dial pointer on the dial scale. After setting the dial pointer, apply locking compound.*

SECTION 3
ADJUSTMENTS

3-1. MECHANICAL ADJUSTMENTS

PRECAUTION

1. Clean the following parts with a denatured-alcohol-moistened swab:

record/playback head	pinch roller
erase head	rubber belts
capstan	idlers

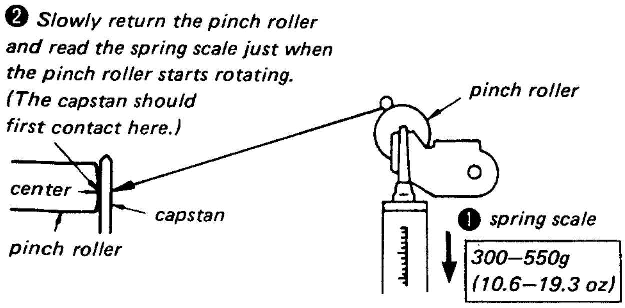
2. Demagnetize the record/playback head with a head demagnetizer.
3. Do not use a magnetized screwdriver for the adjustments.
4. After the adjustments, apply suitable locking compound to the parts adjusted.
5. The adjustments should be performed with the rated power supply voltage unless otherwise noted.

Torque Measurement

Torque	Torque meter	Meter reading
FWD	CQ-102C	35 – 75 g·cm (0.49 – 1.04 oz·inch)
FWD Back tension	CQ-102C	1 – 6 g·cm (0.014 – 0.08 oz·inch)
FF, REW	CQ-201B	70 – 160 g·cm (0.98 – 2.22 oz·inch)

Pinch Roller Pressure Measurement

– Playback Mode –

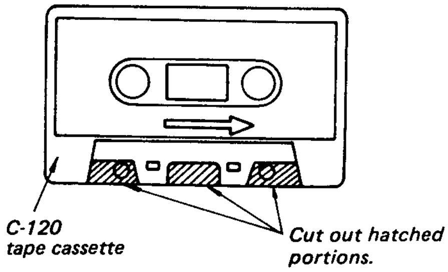


❷ Slowly return the pinch roller and read the spring scale just when the pinch roller starts rotating. (The capstan should first contact here.)

pinch roller
center
capstan
pinch roller
❶ spring scale
300–550g
(10.6–19.3 oz)

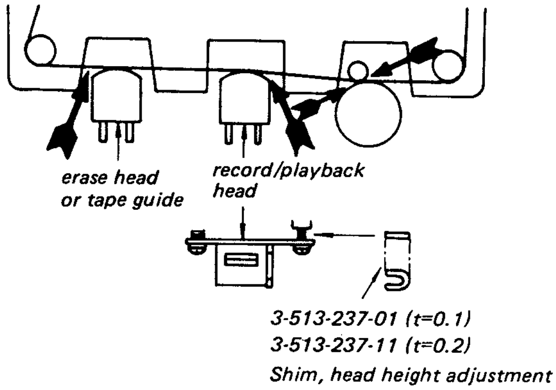
Head Height Adjustment

1. Prepare an adjustment cassette as shown below.



C-120
tape cassette
Cut out hatched portions.

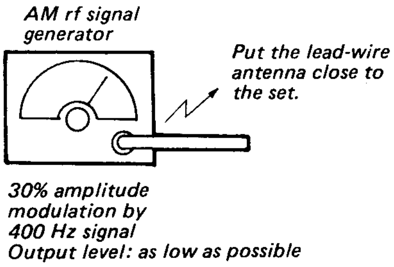
2. In playback mode and viewing from the front, adjust the head heights to eliminate tape curl and tape twist at portions shown by arrows.

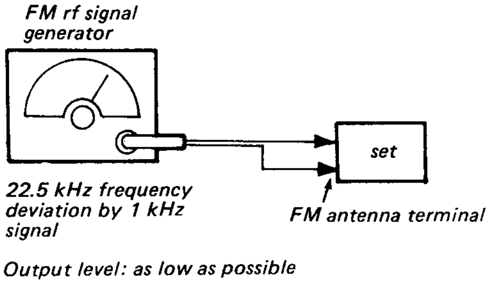


erase head
or tape guide
record/playback
head
3-513-237-01 (t=0.1)
3-513-237-11 (t=0.2)
Shim, head height adjustment

3-2. ELECTRICAL ADJUSTMENTS

TUNER SECTION


AM rf signal generator
Put the lead-wire antenna close to the set.
30% amplitude modulation by 400 Hz signal
Output level: as low as possible


FM rf signal generator
set
22.5 kHz frequency deviation by 1 kHz signal
FM antenna terminal
Output level: as low as possible

FM Frequency Coverage Adjustment

- **AEP, UK model**

Pointer position	SG frequency	Adjustment part	Reading on VTVM
f minimum	87.1 MHz	L003	maximum
f maximum	109.5 MHz	CT002	

- **G-AEP model**

Pointer position	SG frequency	Adjustment part	Reading on VTVM
f minimum	87.4 MHz	RV902	maximum
f maximum	108.25 MHz	RV901	

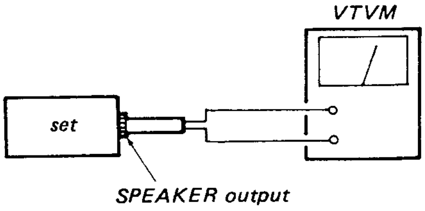
FM Tracking Adjustment

- **AEP, UK model**

SG and set frequency	Adjustment part	Reading on VTVM
87.1 MHz	L001	maximum
109.5 MHz	CT001	

- **G-AEP model**

The FM front-end can not be repaired and it is supplied as the FM front-end block. Therefore, the adjustments are not necessary.


VTVM
set
SPEAKER output

- Repeat the procedures in each adjustment several times, and the frequency coverage and tracking adjustments should be finally done by the trimmer capacitors.

MW Frequency Coverage Adjustment

Pointer position	SG frequency	Adjustment part	Reading on VTVM
f minimum	515 kHz	L054	maximum
f maximum	1660 kHz	CT054	

MW Tracking Adjustment

SG and set frequency	Adjustment part	Reading on VTVM
600 kHz	L051	maximum
1400 kHz	CT051	

MW/LW IF Alignment

SG and set frequency	Adjustment part	Reading on VTVM
1000 kHz	IFT051	maximum

LW Frequency Coverage Adjustment

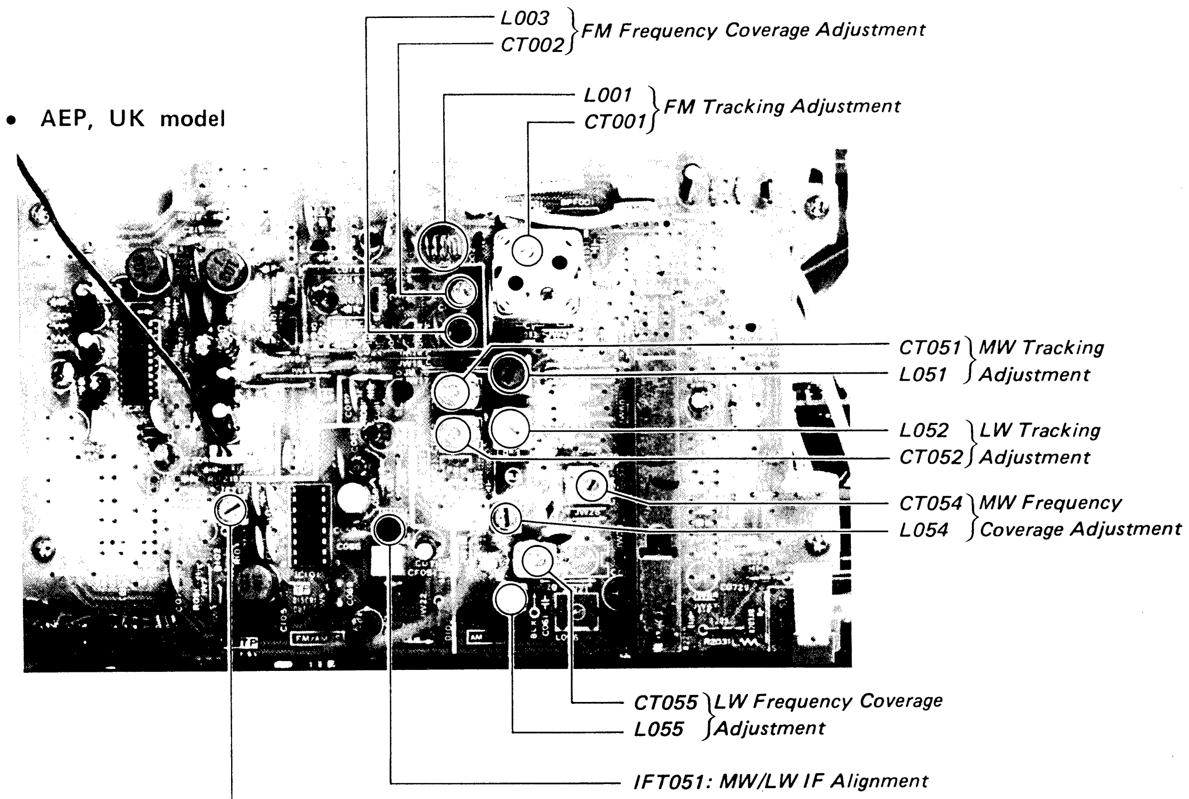
Pointer position	SG frequency	Adjustment part	Reading on VTVM
f minimum	145 kHz	L055	maximum
f maximum	365 kHz	CT055	

LW Tracking Adjustment

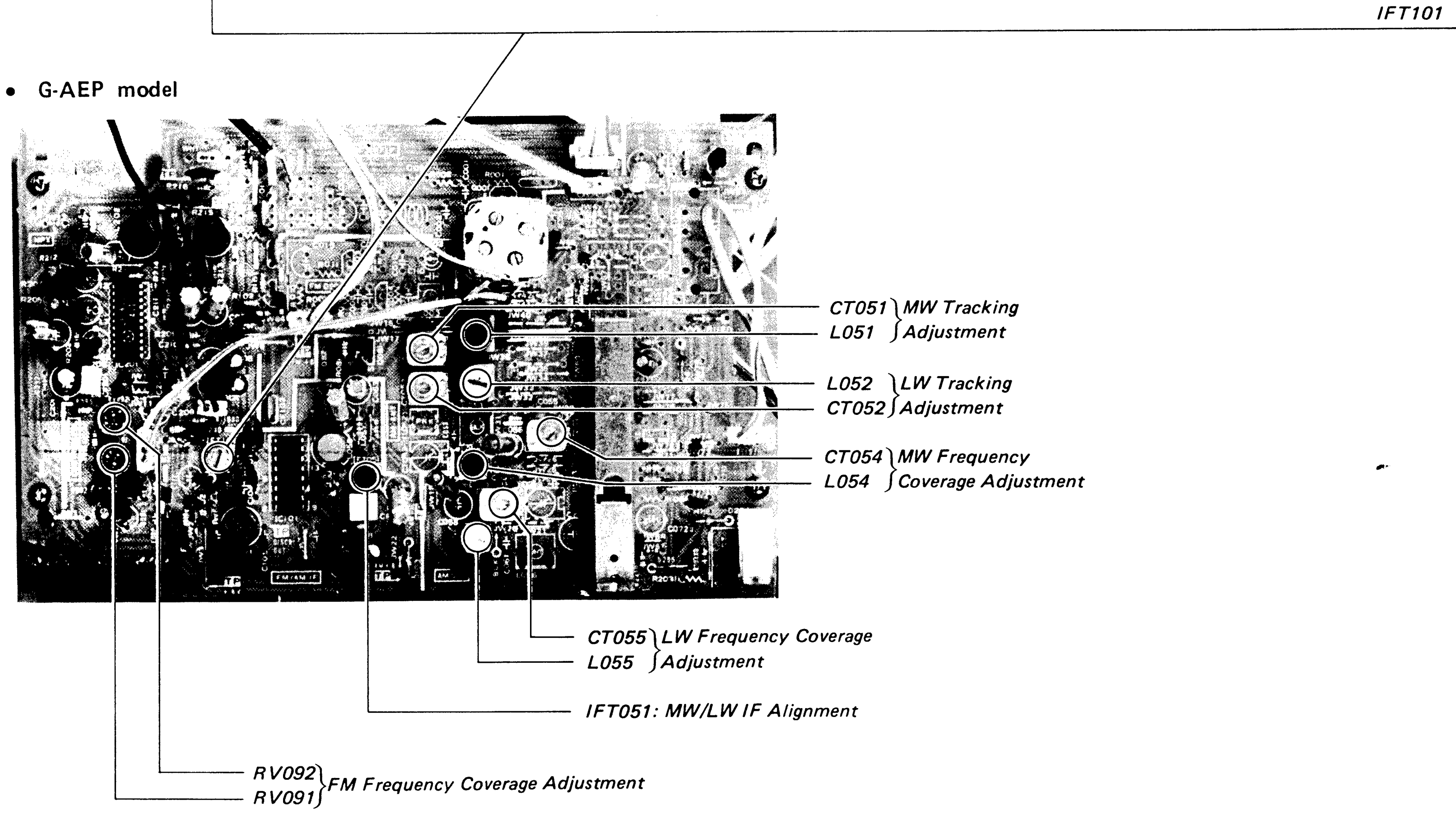
SG and set frequency	Adjustment part	Reading on VTVM
170 kHz	L052	maximum
310 kHz	CT052	

Adjustment Location: Tuner Board

- AEP, UK model

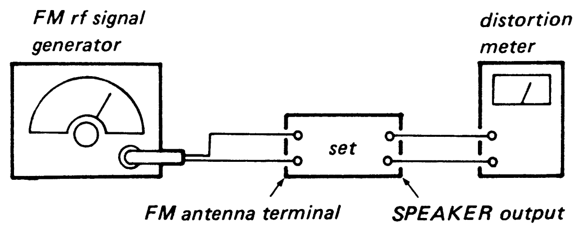

L003
CT002
FM Frequency Coverage Adjustment
L001
CT001
FM Tracking Adjustment
CT051
L051
MW Tracking Adjustment
L052
CT052
LW Tracking Adjustment
CT054
L054
MW Frequency Coverage Adjustment
CT055
L055
LW Frequency Coverage Adjustment
IFT051: MW/LW IF Alignment

- G-AEP model


IFT101
CT051
L051
MW Tracking Adjustment
L052
CT052
LW Tracking Adjustment
CT054
L054
MW Frequency Coverage Adjustment
CT055
L055
LW Frequency Coverage Adjustment
IFT051: MW/LW IF Alignment
RV092
RV091
FM Frequency Coverage Adjustment

FM Discriminator Alignment

Procedure:


FM rf signal generator
distortion meter
set
FM antenna terminal
SPEAKER output

Carrier frequency: *98 MHz*
Output level: *1 mV (60 dB)*
Modulation: *1 kHz, 40 kHz deviation*
Mode: *mono*

1. Tune the set to 98MHz.
2. Adjust the core of T101 for a minimum reading on the distortion meter.

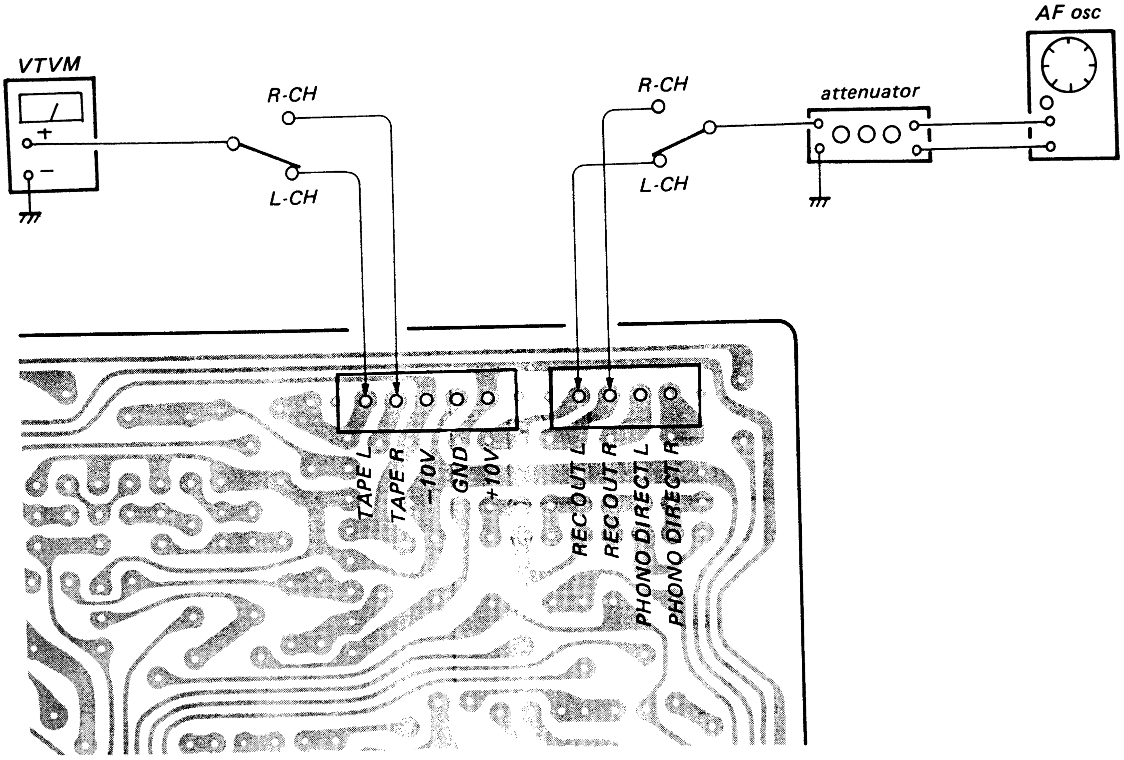
CASSETTE DECK SECTION

Note: The adjustment should be performed in the order given in this service manual. (Playback section may by adjusted earlier than record section.)
The adjustments should be performed for both L-CH and R-CH.

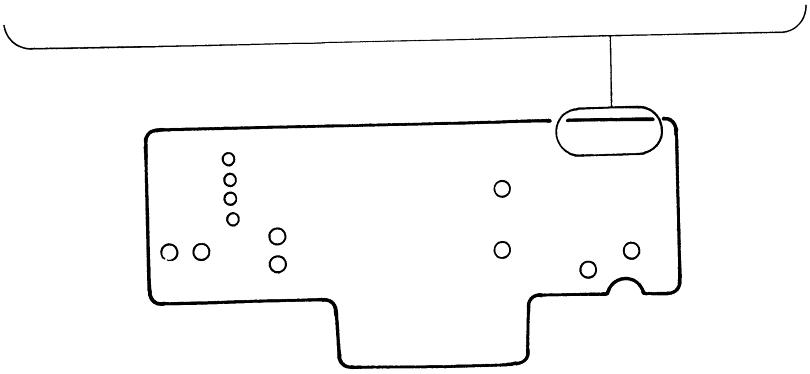
- Switches and controls should be set as follows unless otherwise specified.

DOLBY NR switch:	OFF
REC MUTE switch:	OFF
DUBBING SPEED switch:	NORMAL
ISS switch:	1

- **Output level check point**
- **Input level check point**

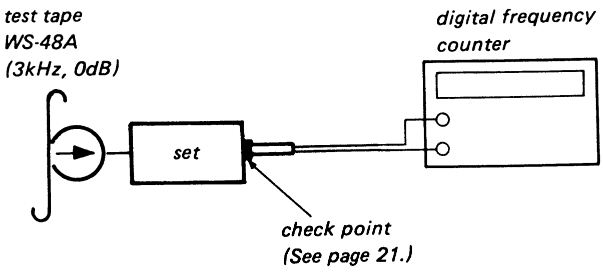

AF osc
VTVM
+
−
R-CH
L-CH
R-CH
attenuator
L-CH
TAPE L
TAPE R
−10V
GND
+10V
REC OUT L
REC OUT R
PHONO DIRECT L
PHONO DIRECT R

Cassette (W) Amp Board (Conductor Side)



Tape Speed Adjustment

Procedure:
Mode: playback

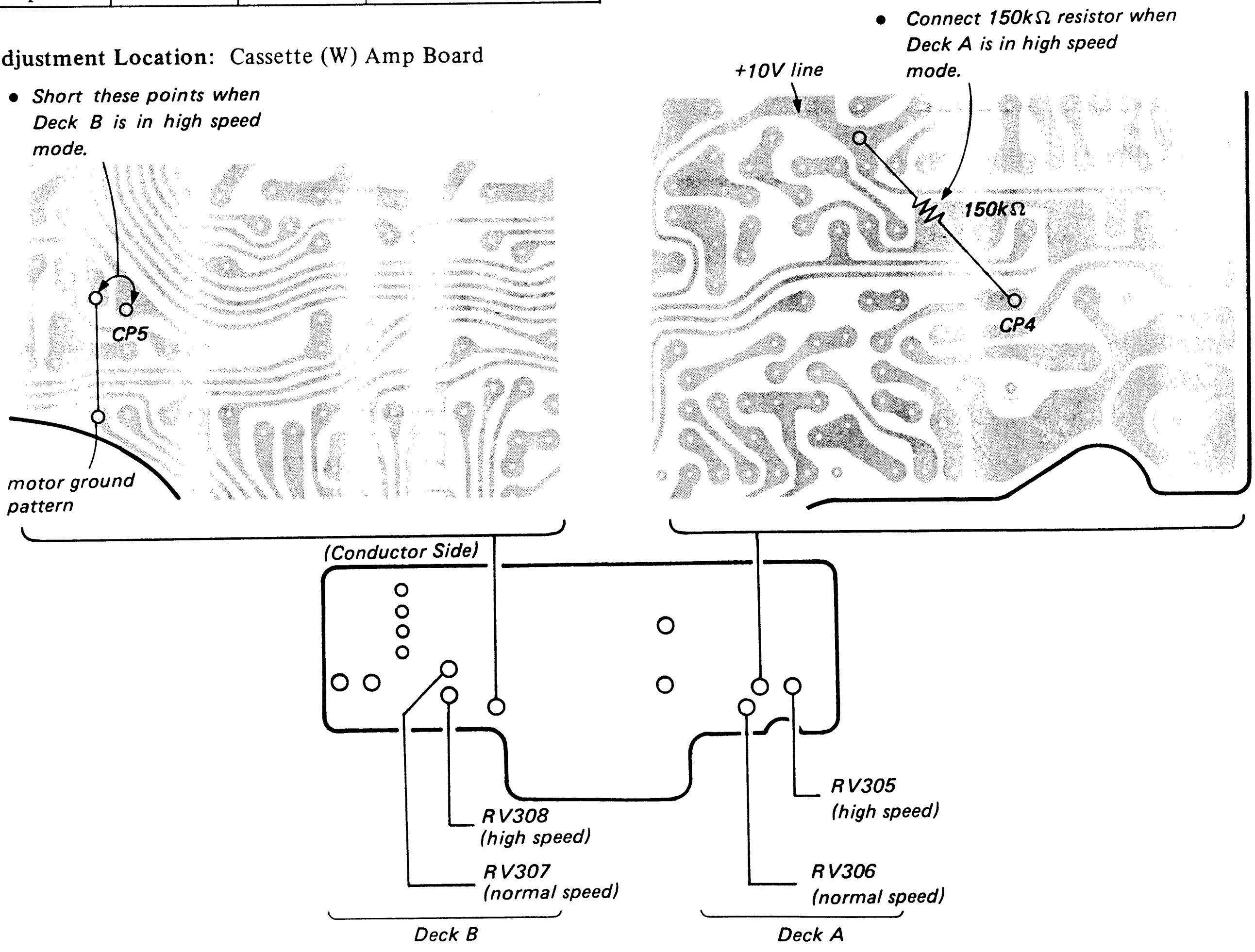

test tape
WS-48A
(3kHz, 0dB)
digital frequency counter
set
check point
(See page 21.)

Specifications:

	Adjustment part		Digital frequency counter
Normal speed	Deck A	RV306	2985 – 3015 Hz
	Deck B	RV307	
High speed	Deck A	RV305	5970 – 6030 Hz
	Deck B	RV308	

- **HIGH SPEED PROCEDURE**
  Perform the following procedure and place the set in playback mode.
  Deck A: Connect 150kΩ resistor between CP4 (check point) and +10V line.
  Deck B: Ground CP5 (check point).

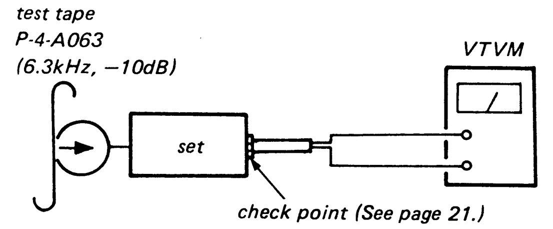
Adjustment Location: Cassette (W) Amp Board


• Short these points when Deck B is in high speed mode.
CP5
motor ground pattern
• Connect 150kΩ resistor when Deck A is in high speed mode.
+10V line
150kΩ
CP4
(Conductor Side)
RV305
(high speed)
RV308
(high speed)
RV307
(normal speed)
RV306
(normal speed)
Deck B
Deck A

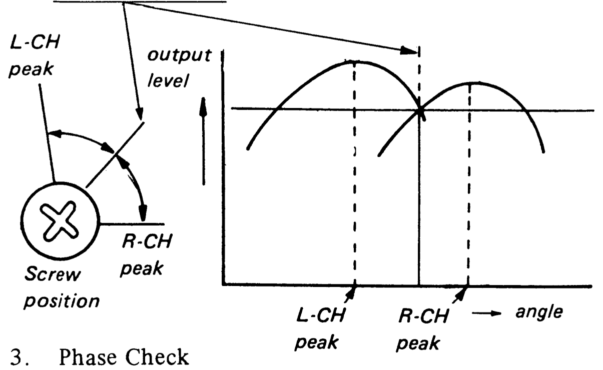
Record/playback Head Azimuth Adjustment

Procedure:

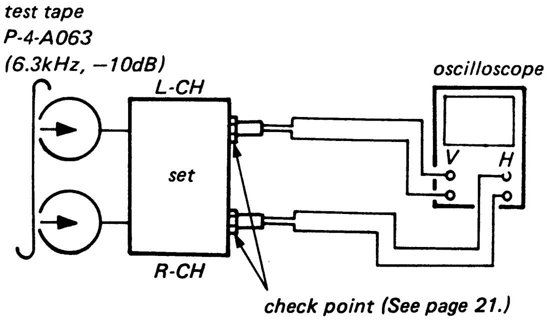
1. Mode: playback

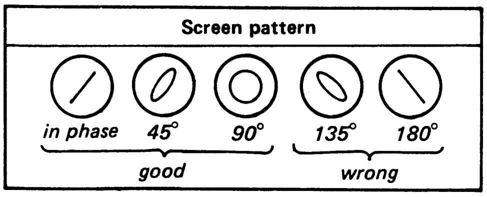

test tape
P-4-A063
(6.3kHz, −10dB)
set
VTVM
check point (See page 21.)

2. Turn the adjustment screw for the maximum output levels. If these levels do not match, turn the adjustment screw until both of output levels match together.


L-CH
peak
output
level
R-CH
peak
Screw
position
L-CH
peak
R-CH
peak
angle

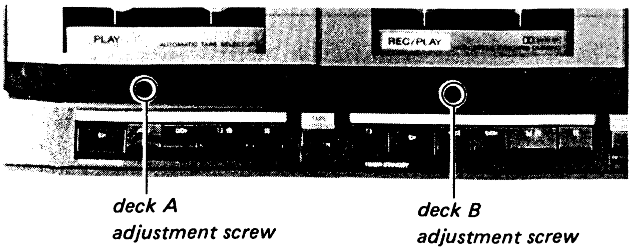
3. Phase Check
   Mode: playback


test tape
P-4-A063
(6.3kHz, −10dB)
L-CH
set
R-CH
oscilloscope
V
H
check point (See page 21.)


Screen pattern
in phase
45°
90°
135°
180°
good
wrong

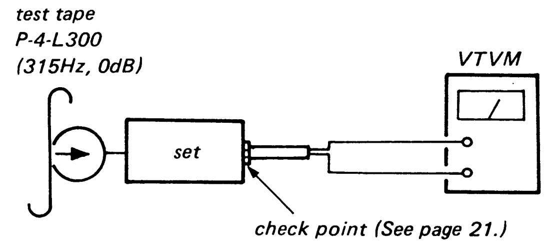
4. After the adjustment, lock the screws with locking compound.

Adjustment Location: Remove the holder cover.
(See page 11.)


PLAY
REC/PLAY
deck A
adjustment screw
deck B
adjustment screw

Playback Level Adjustment

Procedure:

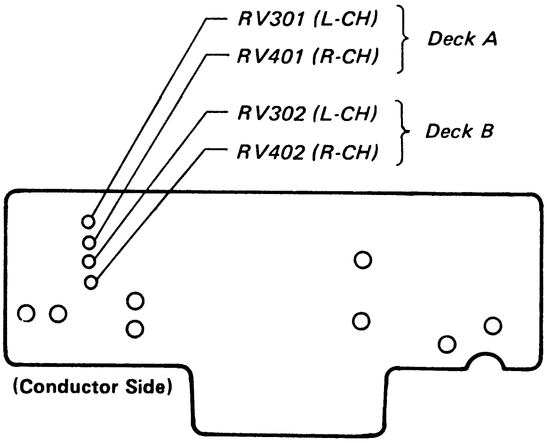

test tape
P-4-L300
(315Hz, 0dB)
set
VTVM
check point (See page 21.)

Adjust the following adjustable resistors so that the VTVM reading is 0.29–0.32V(−8.5 to −7.5dB).

Deck A: RV301 (L-CH), RV401 (R-CH)
Deck B: RV302 (L-CH), RV402 (R-CH)

Check that the Line out level does not change in playback mode while changing the mode from playback to stop several times.

Adjustment Location: Cassette (W) Amp Board

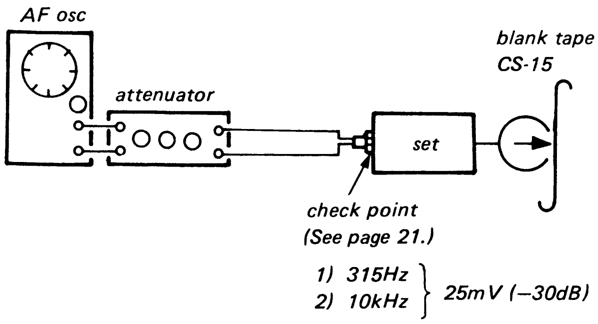

RV301 (L-CH)
RV401 (R-CH)
Deck A
RV302 (L-CH)
RV402 (R-CH)
Deck B
(Conductor Side)

Record Bias Adjustment . . . . . Deck B only

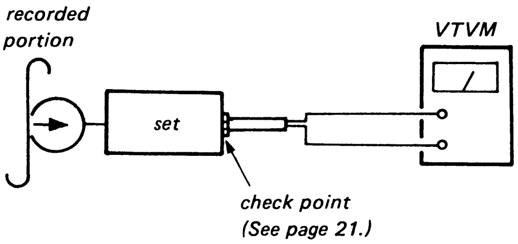
Setting:
FUNCTION switch: CD/AUX

Procedure:

1. Mode: record

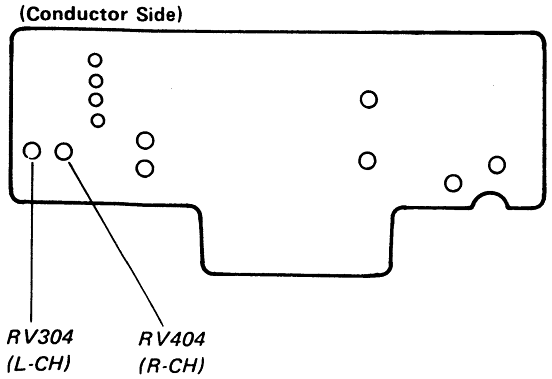

AF osc
attenuator
set
blank tape
CS-15
check point
(See page 21.)
1) 315Hz
2) 10kHz
25mV (−30dB)

2. Mode: playback


recorded
portion
set
VTVM
check point
(See page 21.)

Confirm that the 10 kHz playback output is −1 dB ± 1 dB relative to the 315 Hz output. If necessary, adjust RV304 (L-CH), RV404 (R-CH) and repeat the steps given above.

Adjustment Location: Cassette (W) Amp Board

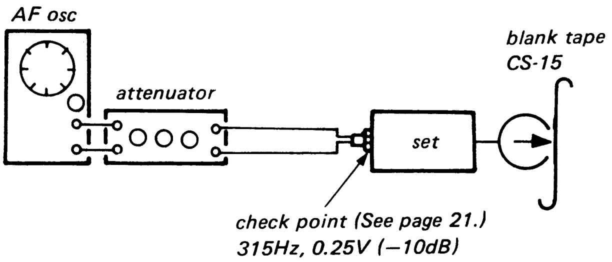

(Conductor Side)
RV304
(L-CH)
RV404
(R-CH)

Record Level Adjustment . . . . . Deck B only

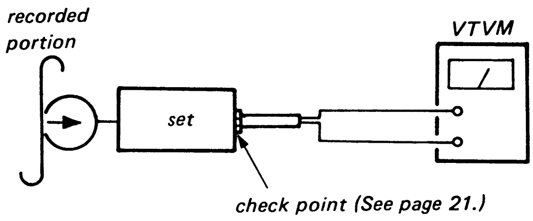
Setting:
FUNCTION switch: CD/AUX

Procedure:

1. Mode: record


AF osc
attenuator
set
blank tape
CS-15
check point (See page 21.)
315Hz, 0.25V (−10dB)

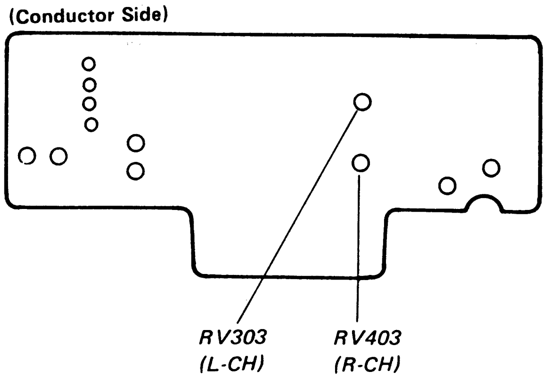
2. Mode: playback


recorded
portion
set
VTVM
check point (See page 21.)

3. Play back the signal recorded in step 1. Confirm that the signal levels is within the specification below. If necessary, adjust RV303 (L-CH), RV403 (R-CH) and repeat the step 1-3.

Specification:
LINE OUT level: 0.29–0.32V
(−8.5 to −7.5dB)

Adjustment Location: Cassette (W) Amp Board


(Conductor Side)
RV303
(L-CH)
RV403
(R-CH)

SECTION 4
DIAGRAMS

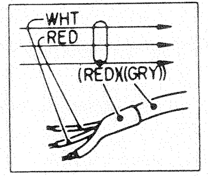
4-1. TUNER SECTION MOUNTING DIAGRAM (AEP, UK model)

– Conductor Side –

Refer to page 34 for semiconductor lead layouts.

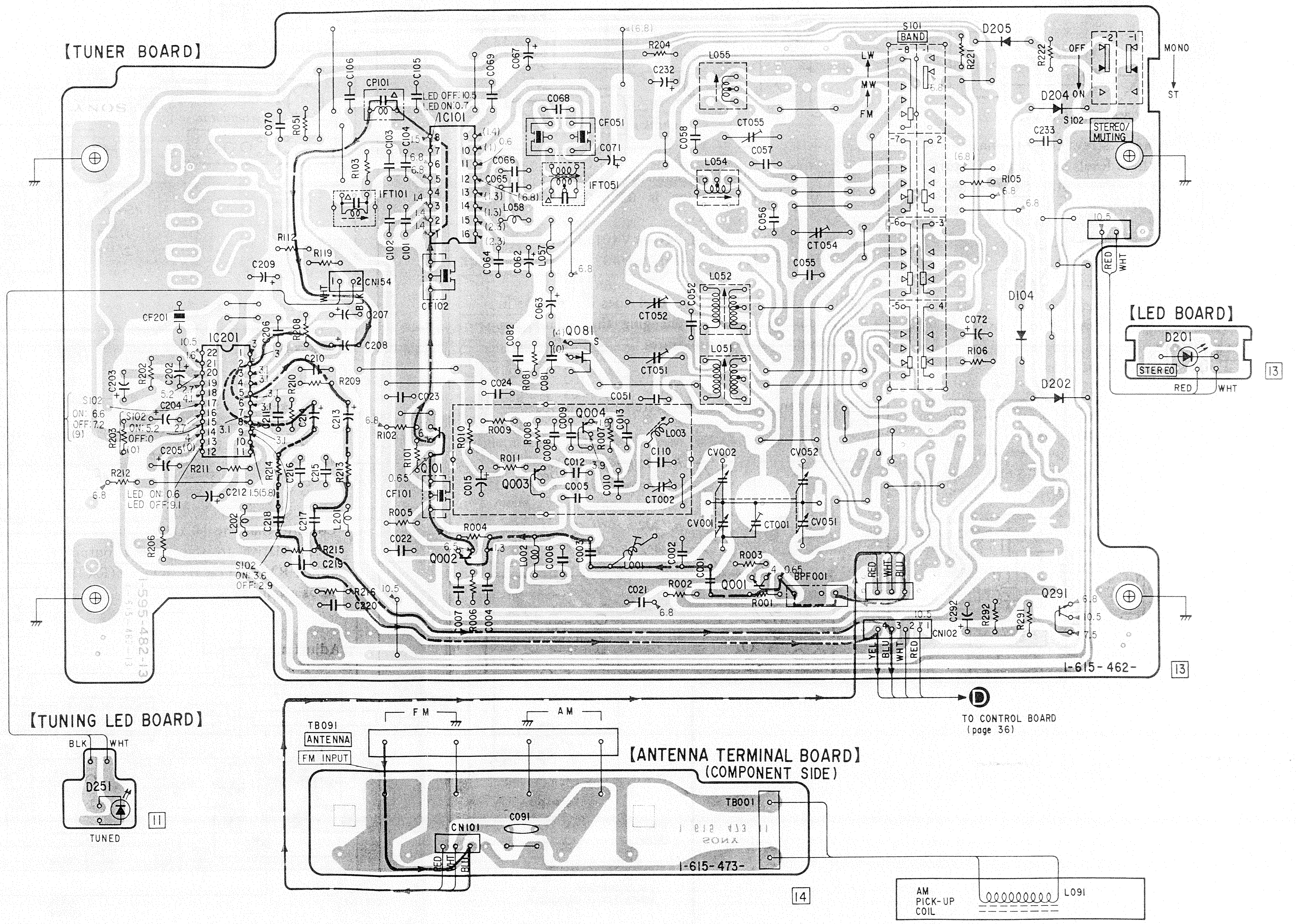
Note:

- Color code of sleeving over the end of the jacket.

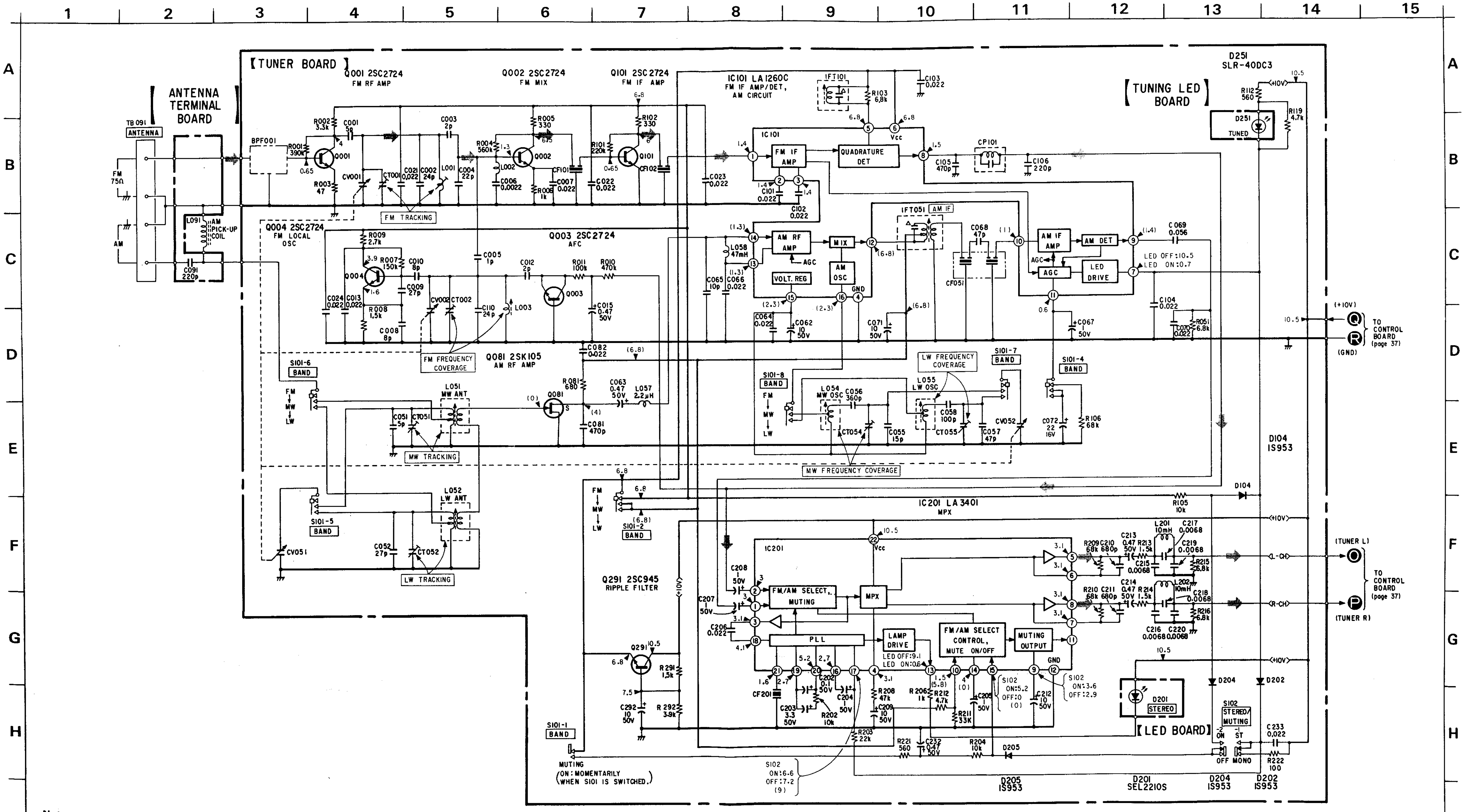

WHT
RED
(RED)(GRY)

- ○—— : parts extracted from the component side.
- ●—— : parts extracted from the conductor side.
- ■ : part mounted on the conductor side.
- ┆ ┆◄— : indicates side identified with part number.
- ▬▶ : signal path
- ▬▶ : L-CH signal path
- ▬▶ : R-CH signal path
- ▨ : B + pattern

Q IC	D
	205
	204
IC101	
	104
081	201
IC201	202
004	
101	
003	
002	
001	
291	


1 2 3 4 5 6 7 8 9 10 11 12
A B C D E F G H I
【TUNER BOARD】
IC101
IC201
CF101
CF102
CF051
CF201
IFT101
IFT051
CP101
CN154
CN102
S101 BAND
LW
MW
FM
S102 STEREO/MUTING
OFF
ON
MONO
ST
D205
D204
D104
D202
Q001
Q002
Q003
Q004
Q081
Q291
BPF001
L051
L052
L054
L055
L058
CT051
CT052
CT054
CT055
CT001
CT002
CV001
CV002
CV051
CV052
LED OFF:10.5
LED ON:0.7
S102 ON: 6.6 OFF: 7.2
S102 ON: 3.6 OFF: 2.9
LED ON: 0.6 LED OFF: 9.1
1-595-482-13
1-615-462-
13
【LED BOARD】
D201
STEREO
RED
WHT
13
【TUNING LED BOARD】
BLK
WHT
D251
TUNED
11
YEL BLU WHT RED
TO CONTROL BOARD (page 36)
TB091
ANTENNA
FM INPUT
FM
AM
【ANTENNA TERMINAL BOARD】 (COMPONENT SIDE)
TB001
CN101
C091
RED WHT BLU
1-615-473-
14
AM PICK-UP COIL
L091

4-2. TUNER SECTION SCHEMATIC DIAGRAM (AEP, UK model)


TUNER BOARD
ANTENNA TERMINAL BOARD
TB091 ANTENNA
FM 75Ω
AM
L091 AM PICK-UP COIL
C091 220p
BPF001
Q001 2SC2724 FM RF AMP
Q002 2SC2724 FM MIX
Q101 2SC2724 FM IF AMP
IC101 LA1260C FM IF AMP/DET, AM CIRCUIT
IFT101
FM IF AMP
QUADRATURE DET
CP101
FM TRACKING
Q004 2SC2724 FM LOCAL OSC
Q003 2SC2724 AFC
AM RF AMP
MIX
AM OSC
VOLT. REG
IFT051 AM IF
CF051
AM IF AMP
AM DET
AGC
LED DRIVE
LED OFF:10.5
LED ON:0.7
FM FREQUENCY COVERAGE
Q081 2SK105 AM RF AMP
L051 MW ANT
MW TRACKING
L052 LW ANT
LW TRACKING
S101-5 BAND
S101-6 BAND
S101-7 BAND
S101-8 BAND
L054 MW OSC
L055 LW OSC
LW FREQUENCY COVERAGE
MW FREQUENCY COVERAGE
D251 SLR-40DC3
TUNING LED BOARD
TUNED
IC201 LA3401 MPX
FM/AM SELECT, MUTING
MPX
PLL
LAMP DRIVE
LED OFF:9.1
LED ON:0.6
FM/AM SELECT CONTROL, MUTE ON/OFF
MUTING OUTPUT
Q291 2SC945 RIPPLE FILTER
S101-1 BAND
MUTING (ON: MOMENTARILY WHEN S101 IS SWITCHED.)
S102 ON:6.6 OFF:7.2 (9)
S102 ON:5.2 OFF:0 (0)
S102 ON:3.6 OFF:2.9
D201 STEREO
LED BOARD
S102 STEREO/MUTING
OFF MONO ON ST
D104 1S953
D205 1S953
D201 SEL2210S
D204 1S953
D202 1S953
(+10V)
TO CONTROL BOARD (page 37)
(GND)
(TUNER L)
(TUNER R)
L-CH
R-CH

Note:

- All capacitors are in μF unless otherwise noted. pF: μμF 50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4W or less unless otherwise specified.
- ▨ : signal path.
- △ : internal component.
- ⏛ : fusible resistor.
- ▬ : B + bus.
- ▬ ▬ : B – bus.
- ☐ : adjustment for repair.
- Voltages are dc with respect to ground unless otherwise noted.
- Readings are taken under detuned conditions with a VOM (50 kΩ/V).
  no mark : FM mode } STEREO/MUTING
  ( ) : MW or LW mode } switch : ON
- Voltage variations may be noted due to normal production tolerances.

- **Switch**

Ref. No.	Switch	Position
S101-1 – 8	BAND (-1: MUTING)	FM
S102-1, 2	STEREO/MUTING -1: MODE -2: MUTING	ON

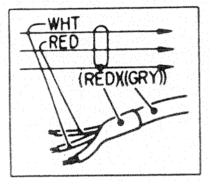
4-3. TUNER SECTION MOUNTING DIAGRAM (G-AEP model)

– Conductor Side –

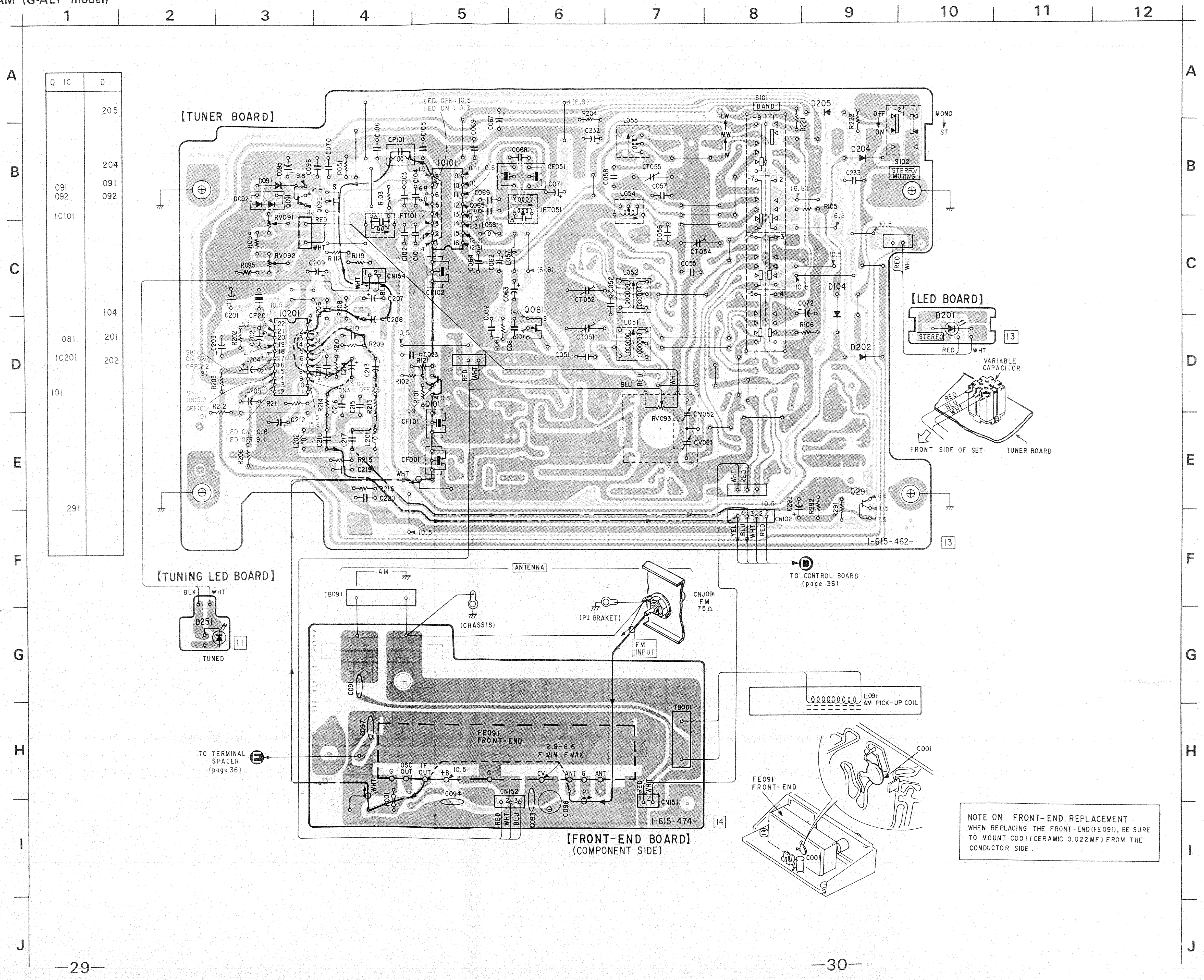
Refer to page 34 for semiconductor lead layouts.

Note:

- Color code of sleeving over the end of the jacket.

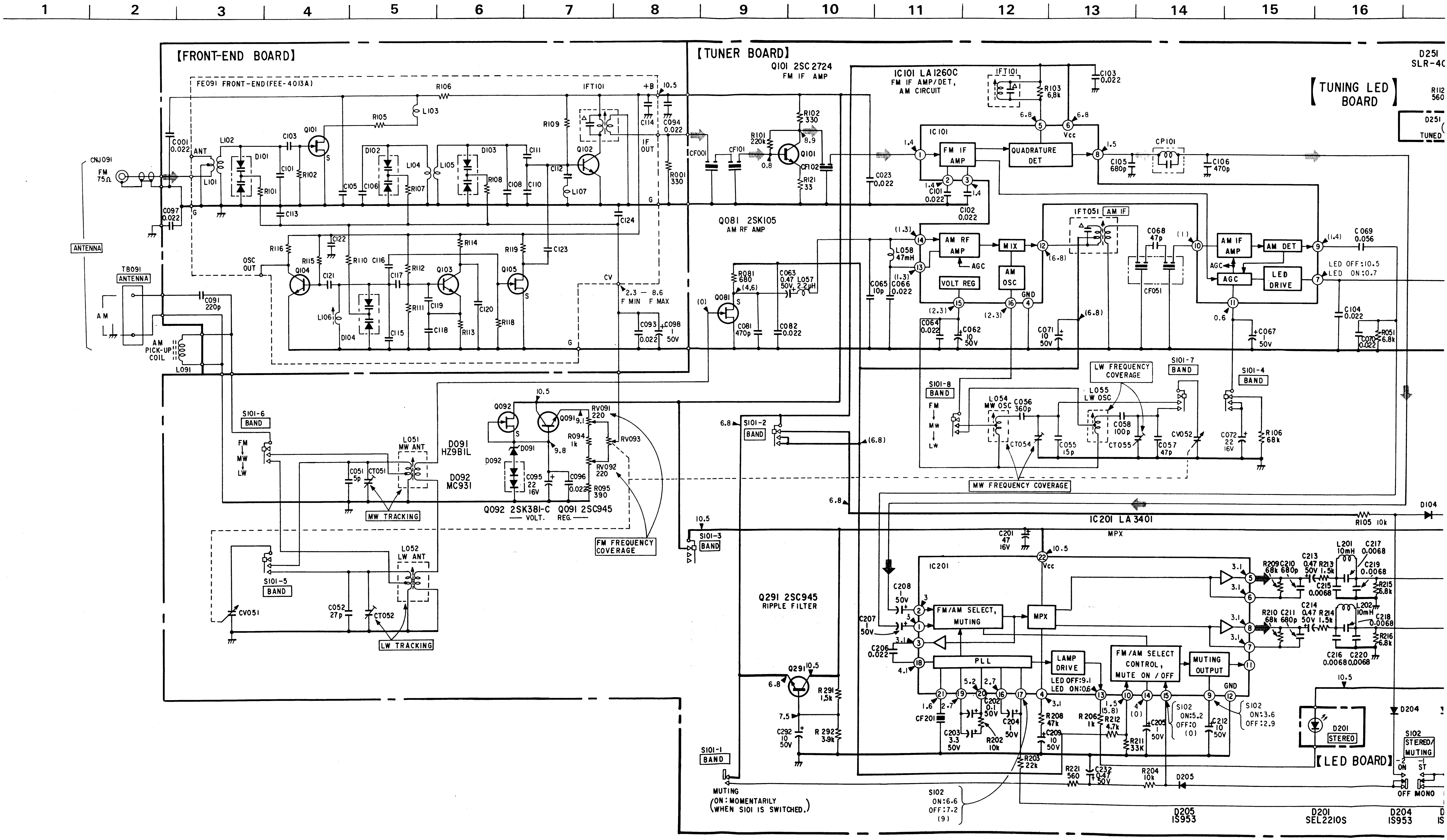

WHT
RED
(RED)(GRY)

- ○—— : parts extracted from the component side.
- ●—— : parts extracted from the conductor side.
- ■ : part mounted on the conductor side.
- ┆ ┆←: indicates side identified with part number.
- ➡ : signal path
- ➡ : L-CH signal path
- ➡ : R-CH signal path
- ▨ : B + pattern

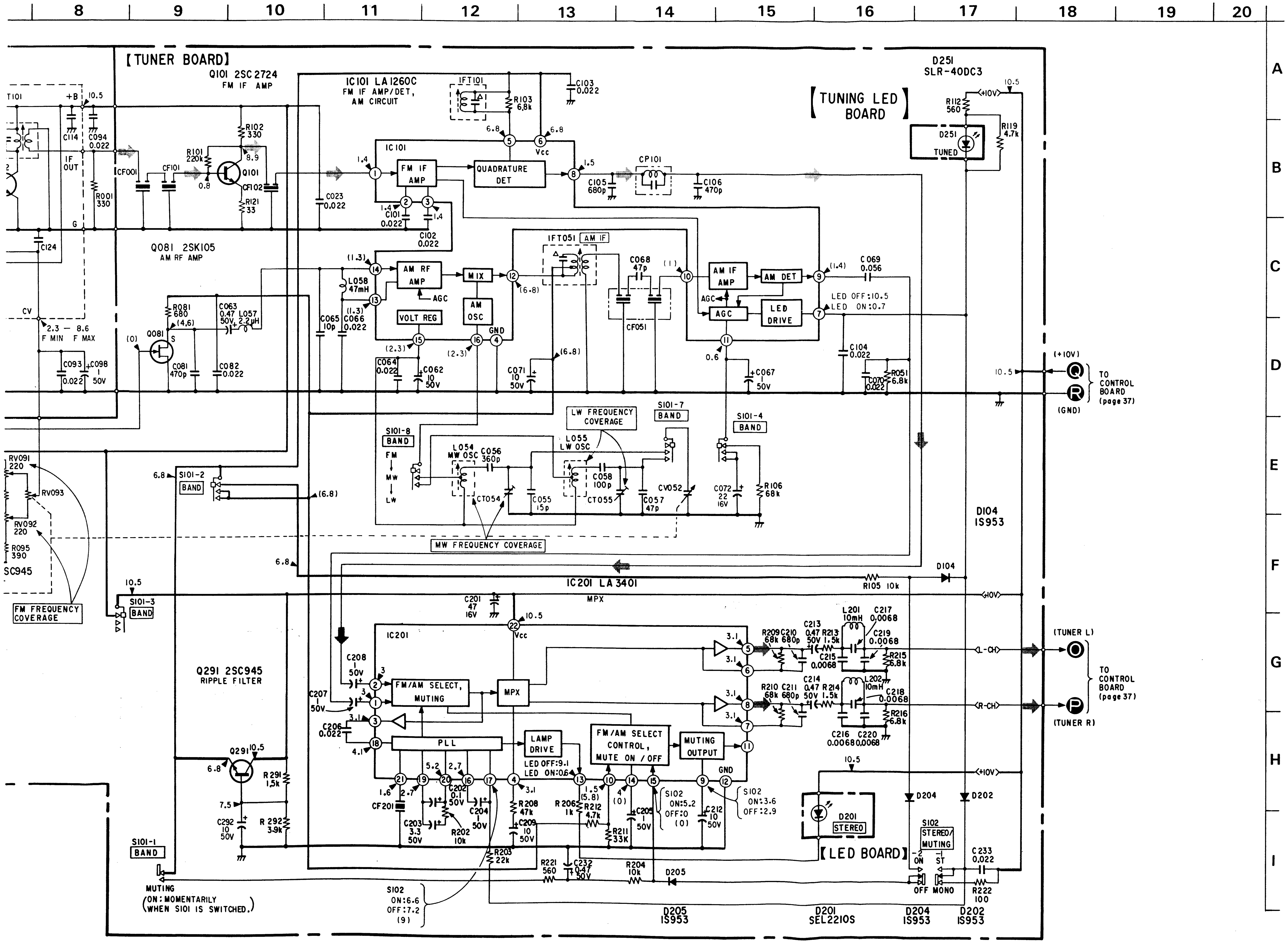

1
2
3
4
5
6
7
8
9
10
11
12
A
B
C
D
E
F
G
H
I
J
Q IC
D
205
204
091
092
IC101
104
081
201
IC201
202
101
291
[TUNER BOARD]
LED OFF : 10.5
LED ON : 0.7
IC101
CP101
CF051
IFT051
IFT101
L055
L054
L052
L051
L058
Q081
Q091
Q092
Q101
IC201
D091
D092
RV091
RV092
RV093
CN154
CN102
CV052
CV051
CF001
CF101
S101
BAND
LW
MW
FM
D205
D204
D104
D202
S102
STEREO/MUTING
MONO
ST
OFF
ON
[LED BOARD]
D201
STEREO
RED
WHT
VARIABLE CAPACITOR
FRONT SIDE OF SET
TUNER BOARD
Q291
1-615-462-
13
TO CONTROL BOARD (page 36)
[TUNING LED BOARD]
BLK
WHT
D251
TUNED
11
AM
ANTENNA
TB091
(CHASSIS)
(PJ BRAKET)
CNJ091 FM 75Ω
FM INPUT
L091 AM PICK-UP COIL
TB001
FE091 FRONT-END
2.9–8.6
F MIN F MAX
OSC OUT
IF OUT
+B
G
CV
ANT
10.5
C094
CN152
CN151
C091
C097
C093
C098
1-615-474-
14
TO TERMINAL SPACER (page 36)
[FRONT-END BOARD] (COMPONENT SIDE)
FE091 FRONT-END
C001

NOTE ON FRONT-END REPLACEMENT
WHEN REPLACING THE FRONT-END (FE091), BE SURE TO MOUNT C001 (CERAMIC 0.022MF) FROM THE CONDUCTOR SIDE.

1-4. TUNER SECTION SCHEMATIC DIAGRAM (G-AEP model)


1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
【FRONT-END BOARD】
FE091 FRONT-END (FEE-4013A)
【TUNER BOARD】
Q101 2SC2724
FM IF AMP
IC101 LA1260C
FM IF AMP/DET,
AM CIRCUIT
FM IF AMP
QUADRATURE DET
AM RF AMP
MIX
AM OSC
VOLT REG
AM IF AMP
AM DET
AGC
LED DRIVE
LED OFF:10.5
LED ON:0.7
【TUNING LED BOARD】
D251
SLR-4C
Q081 2SK105
AM RF AMP
CNJ091
FM 75Ω
ANTENNA
TB091
ANTENNA
AM
AM PICK-UP COIL
L091
S101-6 BAND
FM
MW
LW
L051 MW ANT
D091 HZ9B1L
D092 MC931
MW TRACKING
L052 LW ANT
S101-5 BAND
CV051
CT052
LW TRACKING
Q092 2SK381-C
Q091 2SC945
— VOLT. REG. —
RV091 220
RV092 220
RV093
R095 390
FM FREQUENCY COVERAGE
CV
2.3 – 8.6
F MIN F MAX
OSC OUT
IF OUT
+B 10.5
S101-2 BAND
S101-3 BAND
S101-1 BAND
MUTING
(ON: MOMENTARILY
WHEN S101 IS SWITCHED.)
S101-8 BAND
FM
MW
LW
L054 MW OSC
L055 LW OSC
LW FREQUENCY COVERAGE
MW FREQUENCY COVERAGE
S101-7 BAND
S101-4 BAND
CV052
IC201 LA3401
MPX
IC201
FM/AM SELECT, MUTING
MPX
PLL
LAMP DRIVE
LED OFF:9.1
LED ON:0.6
FM/AM SELECT CONTROL, MUTE ON / OFF
MUTING OUTPUT
Q291 2SC945
RIPPLE FILTER
S102
ON:6.6
OFF:7.2
(9)
S102
ON:5.2
OFF:0
(0)
S102
ON:3.6
OFF:2.9
D201 STEREO
【LED BOARD】
S102 STEREO/MUTING
OFF MONO
ON ST
D104
R105 10k
D204
D205 1S953
D201 SEL2210S
D204 1S953

G-AEP Model


8
9
10
11
12
13
14
15
16
17
18
19
20
A
B
C
D
E
F
G
H
I
【TUNER BOARD】
Q101 2SC2724
FM IF AMP
IC101 LA1260C
FM IF AMP/DET,
AM CIRCUIT
IFT101
C103 0.022
R103 6.8k
IC101
FM IF AMP
QUADRATURE DET
CP101
C105 680p
C106 470p
D251 SLR-40DC3
【TUNING LED BOARD】
R112 560
R119 4.7k
D251 TUNED
R102 330
R101 220k
Q101
CF101
CF102
CFO01
R121 33
C023 0.022
C101 0.022
C102 0.022
IF OUT
R001 330
C114
C094 0.022
Q081 2SK105
AM RF AMP
R081 680
C063 0.47 50V
L057 2.2μH
Q081
C081 470p
C082 0.022
C065 10p
C066 0.022
L058 47mH
AM RF AMP
MIX
AM OSC
VOLT REG
AGC
IFT051 AM IF
C068 47p
CF051
AM IF AMP
AM DET
LED DRIVE
AGC
C069 0.056
LED OFF:10.5
LED ON:0.7
C104 0.022
R051 6.8k
C070 0.022
C064 0.022
C062 10 50V
C071 10 50V
C067 1 50V
(+10V)
TO CONTROL BOARD (page 37)
(GND)
C124
CV
2.3 – 8.6
F MIN F MAX
C093 0.022
C098 1 50V
LW FREQUENCY COVERAGE
S101-7 BAND
S101-8 BAND
FM MW LW
L054 MW OSC
C056 360p
L055 LW OSC
C058 100p
CT055
CT054
C055 15p
C057 47p
CV052
S101-4 BAND
C072 22 16V
R106 68k
MW FREQUENCY COVERAGE
RV091 220
RV093
RV092 220
R095 390
SC945
FM FREQUENCY COVERAGE
S101-2 BAND
S101-3 BAND
D104 1S953
IC201 LA3401
MPX
R105 10k
D104
C201 47 16V
IC201
C208 1 50V
C207 1 50V
C206 0.022
FM/AM SELECT, MUTING
MPX
PLL
LAMP DRIVE
LED OFF:9.1
LED ON:0.6
FM/AM SELECT CONTROL, MUTE ON/OFF
MUTING OUTPUT
GND
R209 68k
C210 680p
C213 0.47 50V
R213 1.5k
C215 0.0068
L201 10mH
C217 0.0068
C219 0.0068
R215 5.6k
R210 68k
C211 680p
C214 0.47 50V
R214 1.5k
L202 10mH
C218 0.0068
R216 6.8k
C216 0.0068
C220 0.0068
(TUNER L)
(TUNER R)
L-CH
R-CH
Q291 2SC945
RIPPLE FILTER
Q291
R291 1.5k
C292 10 50V
R292 3.9k
S101-1 BAND
MUTING
(ON: MOMENTARILY WHEN S101 IS SWITCHED.)
CF201
C202 0.1 50V
C203 3.3 50V
R202 10k
C204 1 50V
R208 47k
C209 10 50V
R203 22k
R206 1k
R212 4.7k
R211 33K
C205 1 50V
C212 10 50V
S102 ON:5.2 OFF:0 (0)
S102 ON:3.6 OFF:2.9
S102 ON:6.6 OFF:7.2 (9)
R221 560
C232 0.47 50V
R204 10k
D205
D204
D202
D201 STEREO
【LED BOARD】
S102 STEREO/MUTING
ON ST
OFF MONO
C233 0.022
R222 100
D205 1S953
D201 SEL2210S
D204 1S953
D202 1S953

Note:

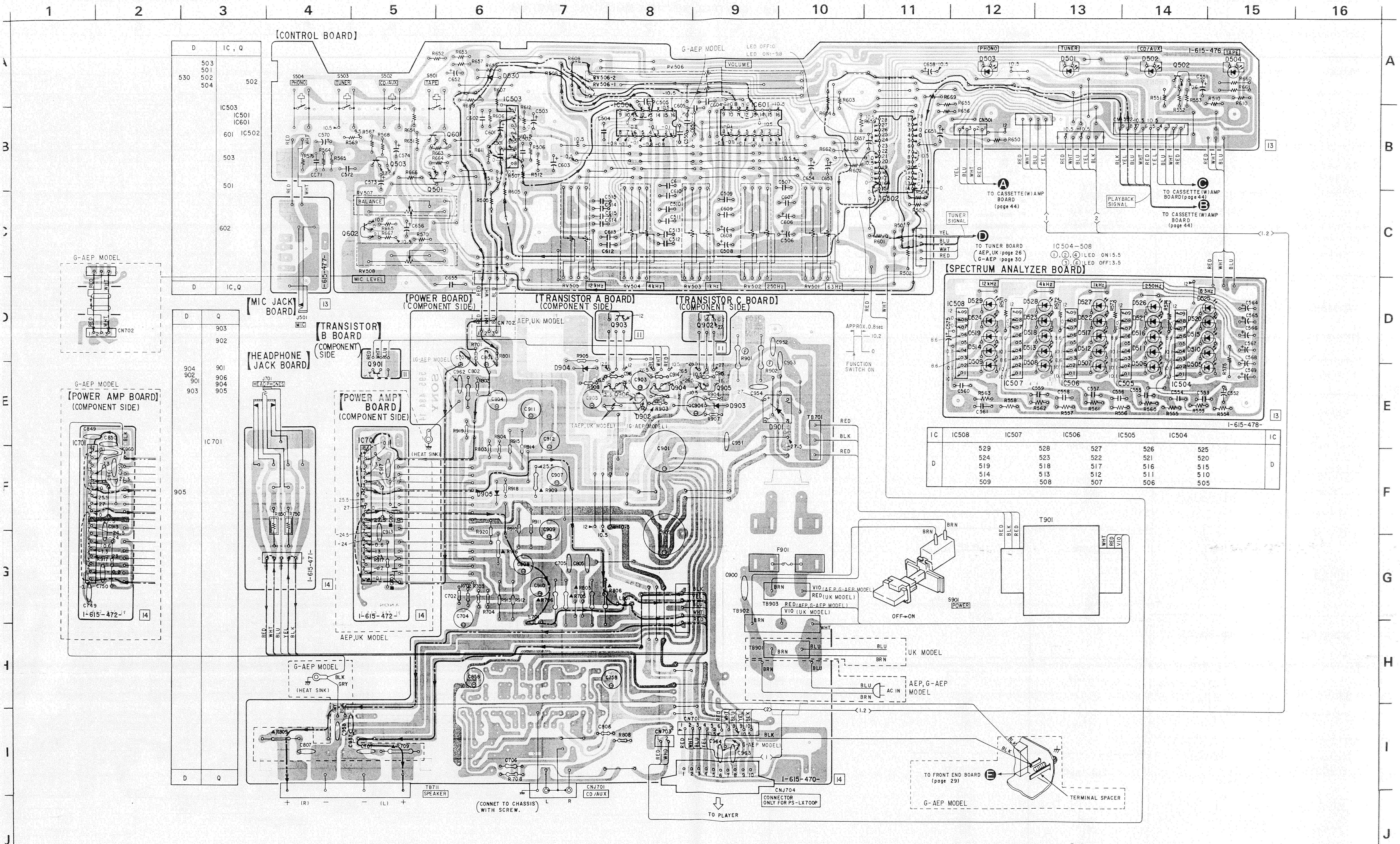
- All capacitors are in μF unless otherwise noted. pF: μμF 50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4W or less unless otherwise specified.
- ➡ : signal path.
- △ : internal component.
- ▭ : fusible resistor.

- **Switch**

Ref. No.	Switch	Position
S101-1 – 8	BAND (-1: MUTING)	FM
S102-1, 2	STEREO/MUTING -1: MODE -2: MUTING	ON

- ━━ : B + bus.
- ▬▬▬ : B – bus.
- ▭ : adjustment for repair.
- Voltages are dc with respect to ground unless otherwise noted.
- Readings are taken under detuned conditions with a VOM (50kΩ/V).
  no mark : FM mode } STEREO/MUTING
  ( ) : MW or LW mode } switch : ON
- Voltage variations may be noted due to normal production tolerances.

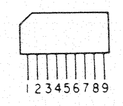
4-5. CONTROL SECTION MOUNTING DIAGRAM


1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
A
B
C
D
E
F
G
H
I
J
[CONTROL BOARD]
G-AEP MODEL
VOLUME
PHONO
TUNER
CD/AUX
TAPE
BALANCE
MIC LEVEL
12kHz
4kHz
1kHz
250Hz
63Hz
1-615-476
1-615-477-
TO CASSETTE(W)AMP BOARD (page 44)
TO CASSETTE(W)AMP BOARD(page 44)
PLAYBACK SIGNAL
TUNER SIGNAL
TO TUNER BOARD (AEP,UK:page 26) (G-AEP:page 30)
IC504–508
①,②,④:LED ON:5.5
③,⑥:LED OFF:3.5
[SPECTRUM ANALYZER BOARD]
1-615-478-
[MIC JACK BOARD]
[POWER BOARD] (COMPONENT SIDE)
[TRANSISTOR A BOARD] (COMPONENT SIDE)
[TRANSISTOR C BOARD] (COMPONENT SIDE)
[TRANSISTOR B BOARD] (COMPONENT SIDE)
AEP,UK MODEL
APPROX.0.8sec
FUNCTION SWITCH ON
[HEADPHONE JACK BOARD]
HEADPHONES
1-615-471-
[POWER AMP BOARD] (COMPONENT SIDE)
1-615-472-
G-AEP MODEL
[POWER AMP BOARD] (COMPONENT SIDE)
(HEAT SINK)
T901
F901
S901 POWER
OFF→ON
UK MODEL
AEP, G-AEP MODEL
AC IN
TB701
TB711 SPEAKER
CNJ701 CD/AUX
(CONNET TO CHASSIS WITH SCREW.)
CNJ704 CONNECTOR ONLY FOR PS-LX700P
TO PLAYER
1-615-470-
TO FRONT END BOARD (page 29)
TERMINAL SPACER
G-AEP MODEL

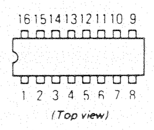
IC	IC508	IC507	IC506	IC505	IC504	IC
D	529 524 519 514 509	528 523 518 513 508	527 522 517 512 507	526 521 516 511 506	525 520 515 510 505	D

- Semiconductor Lead Layouts

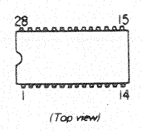
BA338
IR2E31



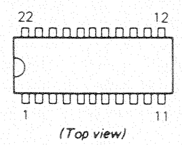
CX174A-2
LA1260C
M5226P


16 15 14 13 12 11 10 9
1 2 3 4 5 6 7 8
(Top view)

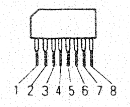
LC7815H


28
15
1
14
(Top view)

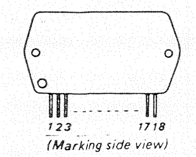
LA3401


22
12
1
11
(Top view)

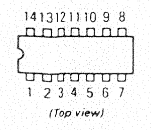
M5218L



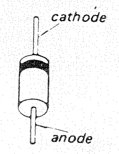
STK4121II


1 2 3
17 18
(Marking side view)

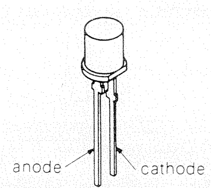
TC4001BP
TC4081BP


14 13 12 11 10 9 8
1 2 3 4 5 6 7
(Top view)

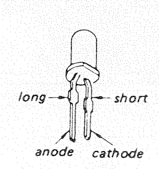
HZ9B1L
HZ11B2L
HZ11C3L
HZ12B2L
HZ12C3L
HZ6A1L


cathode
anode

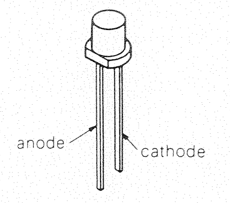
SEL1213C-C


anode
cathode

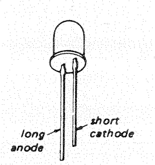
SEL2210S-C
SEL2810A-C


long
short
anode
cathode

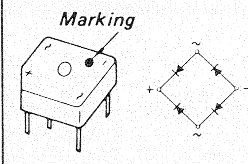
SEL2813A-C


anode
cathode

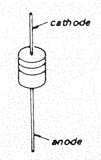
SLR-40DC3


long
anode
short
cathode

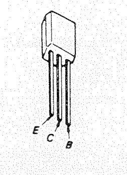
S2VB20



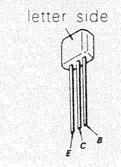
1SS202-1


cathode
anode

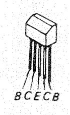
2SC2458
2SC2724
DTC124XS
DTC144WS



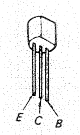
2SA1175


letter side
E
C
B

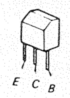
2SC1583



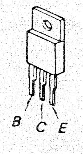
2SC2001



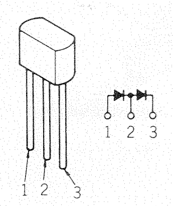
2SD774



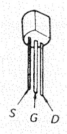
2SD1406



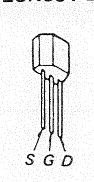
MC931



2SK107-3

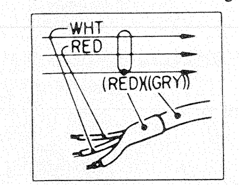


2SK381-D



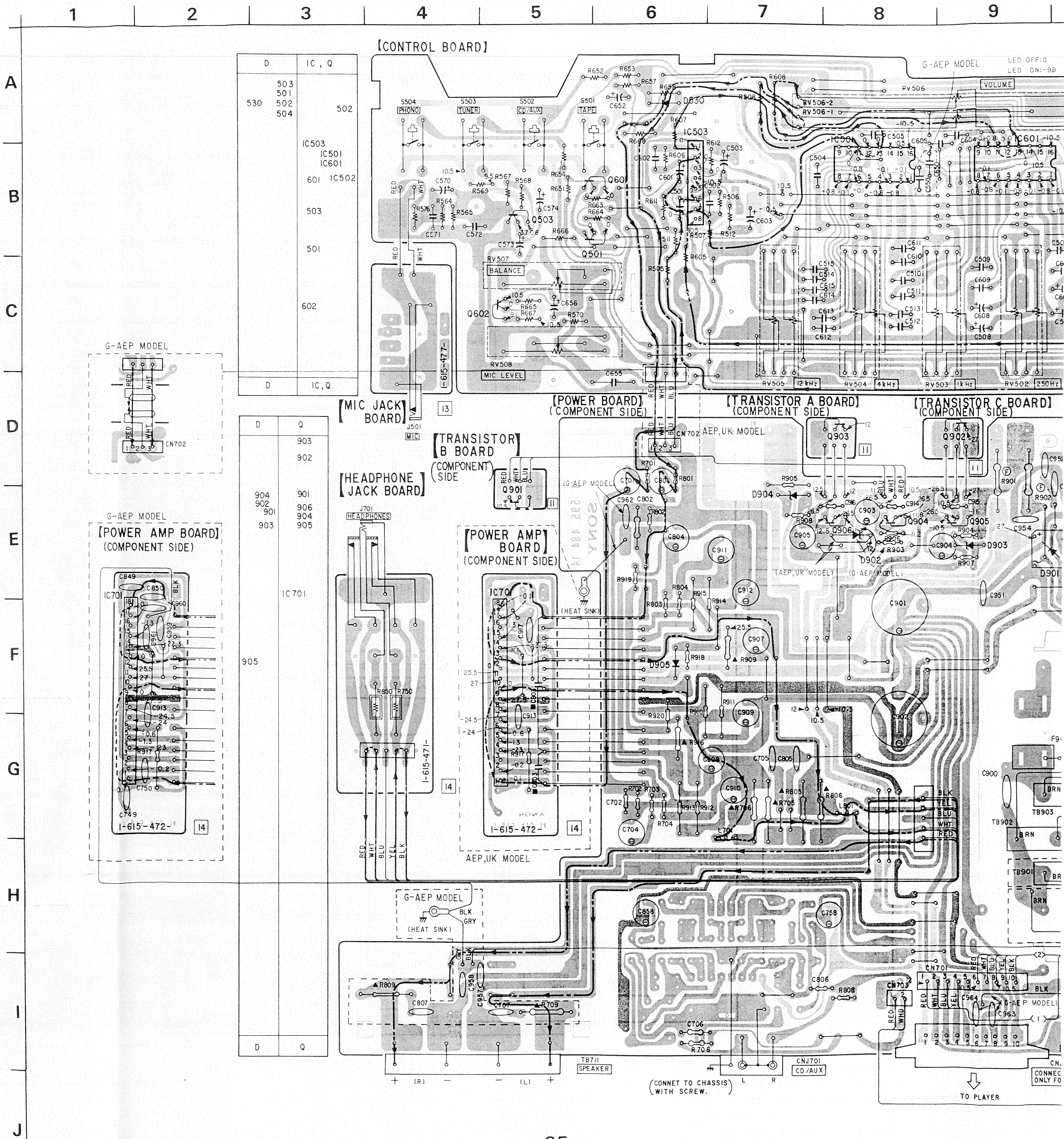
Note:

- Color code of sleeving over the end of the jacket.

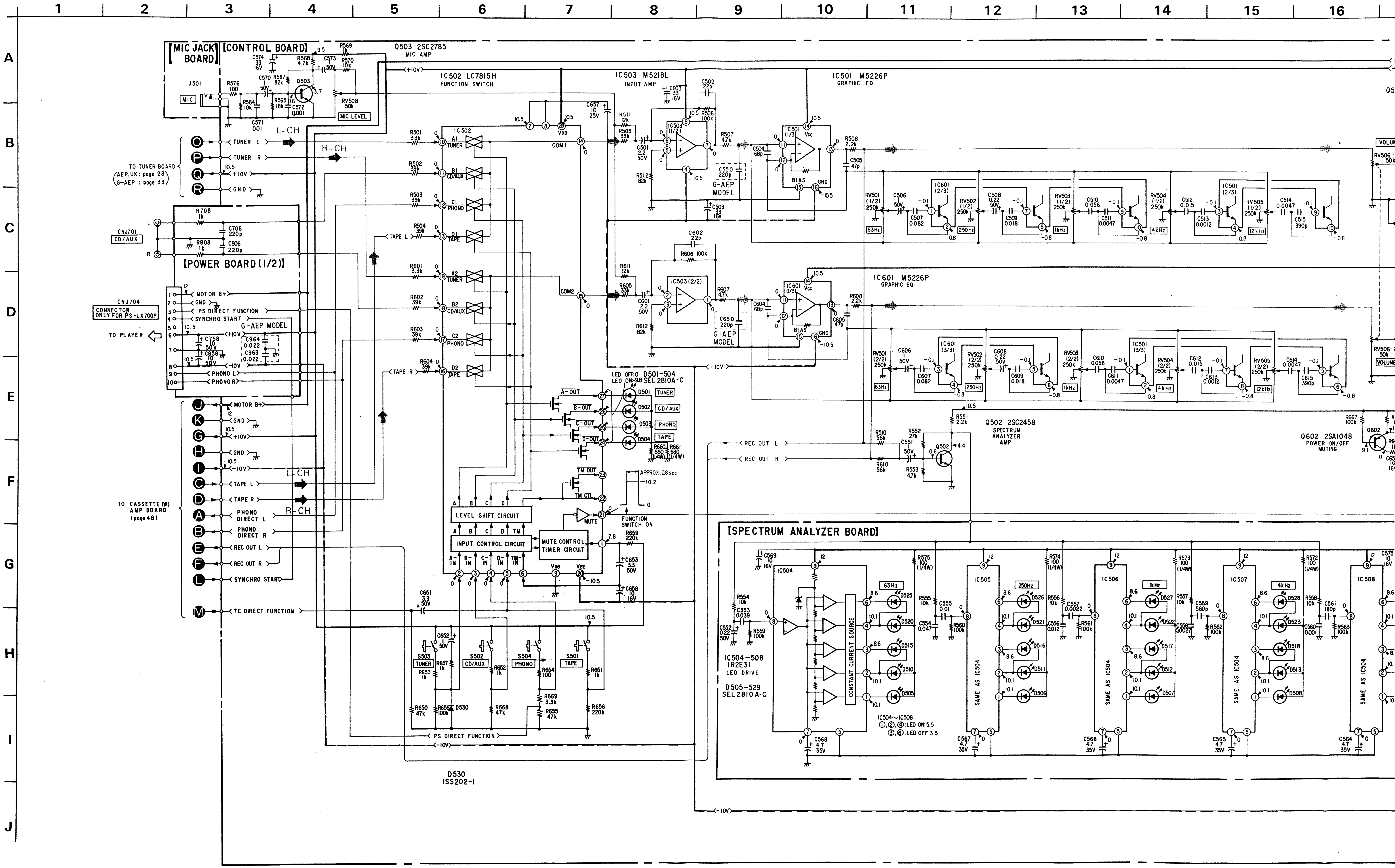

WHT
RED
(RED)(GRY)

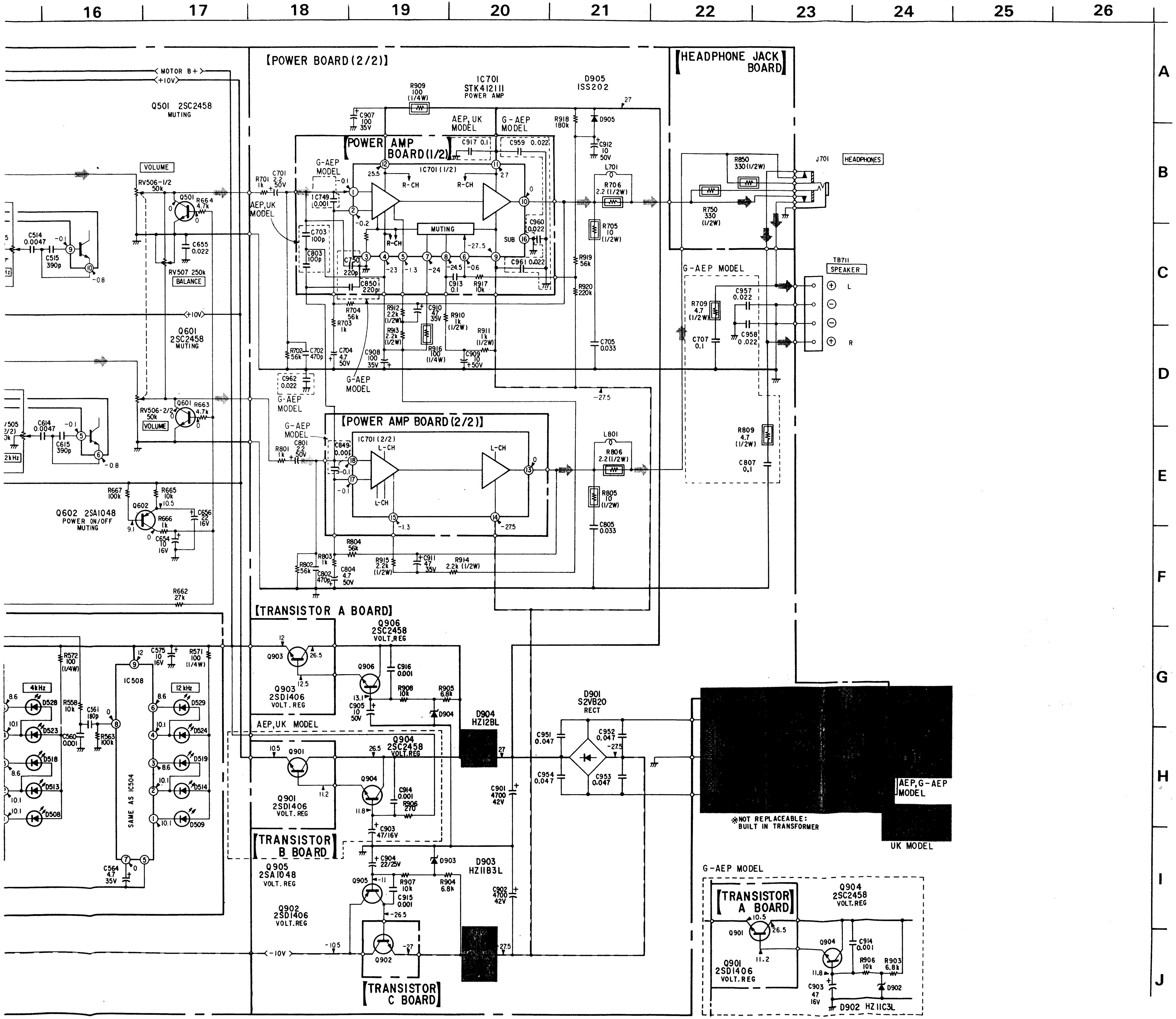
- ○—— : parts extracted from the component side.
- ●—— : parts extracted from the conductor side.
- ■ : part mounted on the conductor side.
- [ ]←: indicates side identified with part number.
- ▲ : nonflammable resistor.
- Ⓕ : fusible resistor.
- ⇒ : signal path
- ⇒ : L-CH signal path
- ⇒ : R-CH signal path
- ▨ : B + pattern
- ▨ : B − pattern

4-5. CONTROL SECTION MOUNTING DIAGRAM


1
2
3
4
5
6
7
8
9
A
B
C
D
E
F
G
H
I
J
[CONTROL BOARD]
G-AEP MODEL
VOLUME
BALANCE
MIC LEVEL
S504 PHONO
S503 TUNER
S502 CD/AUX
S501 TAPE
IC501
IC503
IC601
RV505 12kHz
RV504 4kHz
RV503 1kHz
RV502 250Hz
[MIC JACK BOARD]
J501 MIC
[TRANSISTOR B BOARD] (COMPONENT SIDE)
[HEADPHONE JACK BOARD]
J701 HEADPHONES
[POWER BOARD] (COMPONENT SIDE)
[TRANSISTOR A BOARD] (COMPONENT SIDE)
[TRANSISTOR C BOARD] (COMPONENT SIDE)
[POWER AMP BOARD] (COMPONENT SIDE)
AEP,UK MODEL
G-AEP MODEL
IC701
(HEAT SINK)
1-615-477-
1-615-471-
1-615-472-
TB711 SPEAKER
+ (R) −
− (L) +
(CONNET TO CHASSIS WITH SCREW.)
CNJ701 CD/AUX
L
R
CN701
CN703
TO PLAYER
TB902
TB903
TB901
RED
WHT
BLU
YEL
BLK
GRY
BRN
D | IC, Q
530
503
501
502
504
IC503
IC501
IC601
601
IC502
503
501
602
D | IC,Q
D | Q
903
902
904
902
901
903
901
906
904
905
IC701
905
D | Q

4-6. CONTROL SECTION SCHEMATIC DIAGRAM


1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
A
B
C
D
E
F
G
H
I
J
[MIC JACK BOARD]
[CONTROL BOARD]
J501
MIC
R576 100
R564 10k
C574 33 16V
C570 50V
R567 82k
R565 18k
C572 0.001
C571 0.01
R568 4.7k
R569 1k
C573 50V
R570 10k
RV508 50k
MIC LEVEL
Q503 2SC2785
MIC AMP
IC502 LC7815H
FUNCTION SWITCH
IC503 M5218L
INPUT AMP
IC501 M5226P
GRAPHIC EQ
IC601 M5226P
GRAPHIC EQ
TUNER L
TUNER R
+10V
GND
TO TUNER BOARD
(AEP,UK: page 28)
(G-AEP : page 33)
L-CH
R-CH
CNJ701
CD/AUX
R708 1k
R808 1k
C706 220p
C806 220p
[POWER BOARD (1/2)]
CNJ704
CONNECTOR ONLY FOR PS-LX700P
TO PLAYER
MOTOR B+
PS DIRECT FUNCTION
SYNCHRO START
G-AEP MODEL
C758 10 50V
C858 10 50V
C964 0.022
C963 0.022
-10V
PHONO L
PHONO R
TAPE L
TAPE R
R501 3.3k
R502 39k
R503 39k
R504 39k
R601 3.3k
R602 39k
R603 39k
R604 39k
A1 TUNER
B1 CD/AUX
C1 PHONO
D1 TAPE
A2 TUNER
B2 CD/AUX
C2 PHONO
D2 TAPE
COM1
COM2
VDD
C657 10 25V
R511 12k
R505 33k
C501 2.2 50V
R512 82k
C603 33 16V
C502 22p
R506 100k
R507 4.7k
C504 68p
C550 220p
G-AEP MODEL
C503 33 16V
R508 2.2k
C505 47p
BIAS
GND
Vcc
C602 22p
R606 100k
R611 12k
R605 33k
C601 2.2 50V
R612 82k
IC503 (2/2)
R607 4.7k
C604 68p
C650 220p
G-AEP MODEL
R608 2.2k
C605 47p
RV501 (1/2) 250k
C506 50V
C507 0.082
IC601 (2/3)
RV502 (1/2) 250k
C508 0.22 50V
C509 0.018
RV503 (1/2) 250k
C510 0.056
C511 0.0047
RV504 (1/2) 250k
C512 0.015
C513 0.0012
IC501 (2/3)
RV505 (1/2) 250k
C514 0.0047
C515 390p
63Hz
250Hz
1kHz
4kHz
12kHz
RV501 (2/2) 250k
C606 50V
C607 0.082
IC601 (3/3)
RV502 (2/2) 250k
C608 0.22 50V
C609 0.018
RV503 (2/2) 250k
C610 0.056
C611 0.0047
IC501 (3/3)
RV504 (2/2) 250k
C612 0.015
C613 0.0012
RV505 (2/2) 250k
C614 0.0047
C615 390p
VOLUME
RV506 50k
LED OFF: 0 D501-504
LED ON: -9.8 SEL 2810A-C
A-OUT
B-OUT
C-OUT
D-OUT
TM OUT
TM CTL
D501 TUNER
D502 CD/AUX
D503 PHONO
D504 TAPE
R660 680 (1/4W)
R661 680 (1/4W)
APPROX. 0.8 sec
-10.2
FUNCTION SWITCH ON
MUTE
LEVEL SHIFT CIRCUIT
INPUT CONTROL CIRCUIT
MUTE CONTROL, TIMER CIRCUIT
VSS
VEE
R659 220k
C653 3.3 50V
C658 10 16V
REC OUT L
REC OUT R
R510 56k
R610 56k
R552 27k
C551 50V
R553 4.7k
R551 2.2k
Q502 2SC2458
SPECTRUM ANALYZER AMP
Q602 2SA1048
POWER ON/OFF MUTING
R667 100k
TO CASSETTE (W) AMP BOARD (page 48)
PHONO DIRECT L
PHONO DIRECT R
TC DIRECT FUNCTION
C651 3.3 50V
C652 50V
S503 TUNER
S502 CD/AUX
S504 PHONO
S501 TAPE
R653 1k
R657 1k
R652 1k
R654 100
R651 1k
R650 47k
R656 100k
D530
R668 47k
R669 3.3k
R655 47k
R656 220k
PS DIRECT FUNCTION
D530 1SS202-1
[SPECTRUM ANALYZER BOARD]
C569 10 16V
IC504
R554 10k
C553 0.039
C552 0.22 50V
R559 100k
CONSTANT CURRENT SOURCE
63Hz
D525
D520
D515
D510
D505
IC504-508 IR2E31 LED DRIVE
D505-529 SEL2810A-C
C568 4.7 35V
IC504~IC508
①,②,④: LED ON 5.5
③,⑥: LED OFF 3.5
R575 100 (1/4W)
R555 10k
C555 0.01
C554 0.047
R560 100k
IC505
SAME AS IC504
250Hz
D526
D521
D516
D511
D506
C567 4.7 35V
R574 100 (1/4W)
R556 10k
C557 0.0022
C556 0.012
R561 100k
IC506
1kHz
D527
D522
D517
D512
D507
C566 4.7 35V
R573 100 (1/4W)
R557 10k
C559 560p
C558 0.0027
R562 100k
IC507
4kHz
D528
D523
D518
D513
D508
C565 4.7 35V
R572 100 (1/4W)
R558 10k
C561 180p
C560 0.001
R563 100k
IC508
C564 4.7 35V
C575 10 16V


16
17
18
19
20
21
22
23
24
25
26
A
B
C
D
E
F
G
H
I
J
[POWER BOARD (2/2)]
[HEADPHONE JACK BOARD]
[POWER AMP BOARD (1/2)]
[POWER AMP BOARD (2/2)]
[TRANSISTOR A BOARD]
[TRANSISTOR B BOARD]
[TRANSISTOR C BOARD]
IC701 STK412111 POWER AMP
D905 ISS202
R909 100 (1/4W)
MOTOR B+
+10V
-10V
Q501 2SC2458 MUTING
Q601 2SC2458 MUTING
Q602 2SA1048 POWER ON/OFF MUTING
VOLUME
BALANCE
RV506-1/2 50k
RV506-2/2 50k
RV507 250k
MUTING
SUB
R-CH
L-CH
AEP, UK MODEL
G-AEP MODEL
L701
L801
R706 2.2 (1/2W)
R806 2.2 (1/2W)
R750 330 (1/2W)
R850 330 (1/2W)
J701 HEADPHONES
TB711 SPEAKER
L
R
IC508
SAME AS IC504
4kHz
12kHz
Q906 2SC2458 VOLT.REG
Q903 2SD1406 VOLT.REG
Q904 2SC2458 VOLT.REG
Q901 2SD1406 VOLT.REG
Q905 2SA1048 VOLT.REG
Q902 2SD1406 VOLT.REG
D904 HZ12BL
D903 HZ11B3L
D902 HZ11C3L
D901 S2VB20 RECT
C901 4700 42V
C902 4700 42V
AEP, UK MODEL
AEP, G-AEP MODEL
UK MODEL
G-AEP MODEL
※NOT REPLACEABLE: BUILT IN TRANSFORMER

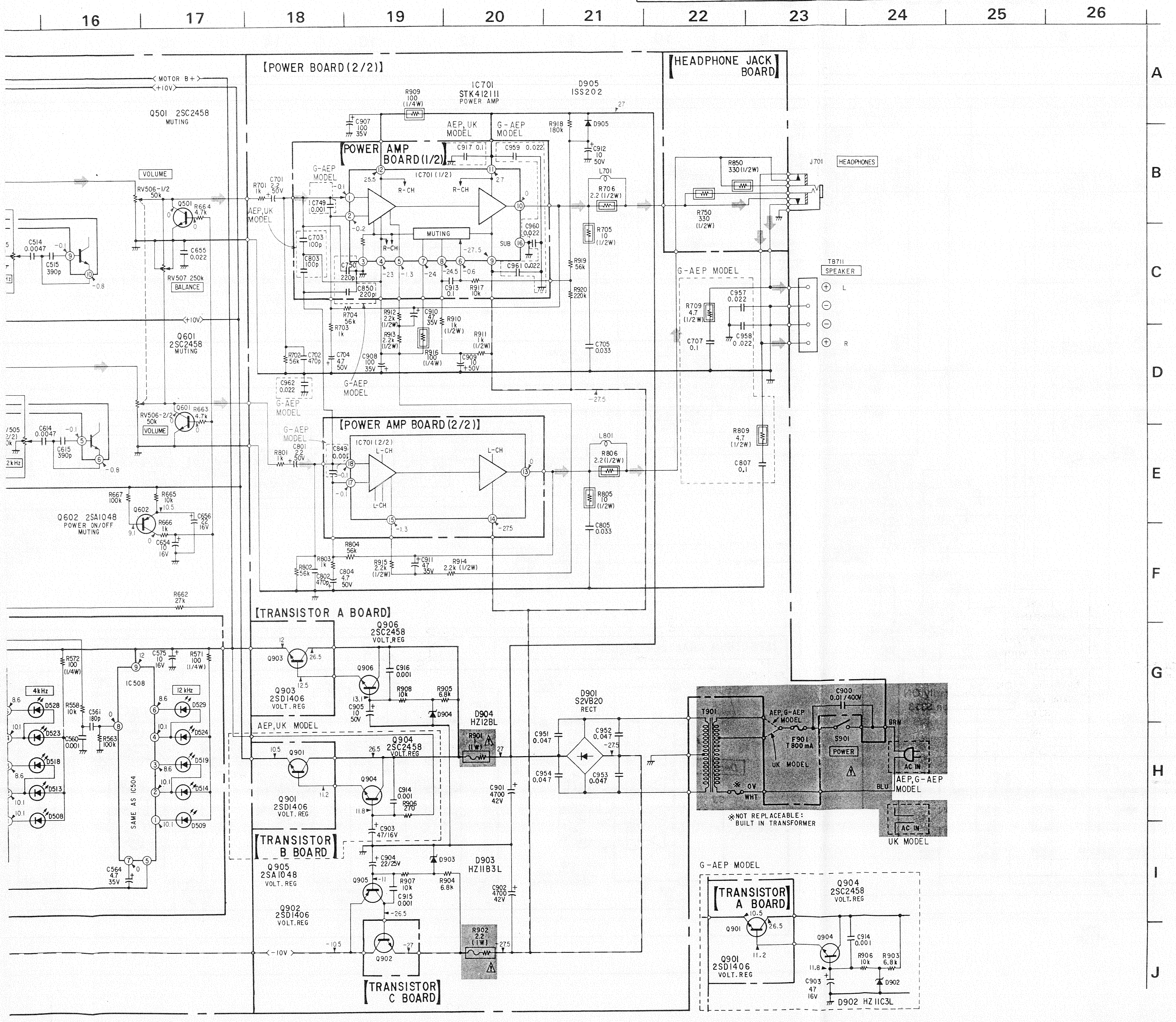
Note:

- All capacitors are in μF unless otherwise noted. pF: μμF 50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4W or less unless otherwise specified.
- ▨ : signal path.
- △ : internal component.
- ▭ : nonflammable resistor.
- ▭ : fusible resistor.
- **Switch**

Ref. No.	Switch	Position
S501	TAPE	OFF
S502	CD/AUX	OFF
S503	TUNER	OFF
S504	PHONO	OFF
S901	POWER	OFF

- ━━ : B + bus.
- ━ ━ : B − bus.
- ☐ : adjustment for repair.
- Voltages are dc with respect to ground unless otherwise noted.
- Redings are taken under detuned conditions with a VOM (50kΩ/V).
  no mark: FM mode
- Voltage variations may be noted due to normal production tolerances.

Note: The components identified by shading and mark ⚠ are critical for safety. Replace only with part number specified.


16
17
18
19
20
21
22
23
24
25
26
A
B
C
D
E
F
G
H
I
J
[POWER BOARD (2/2)]
[HEADPHONE JACK BOARD]
[POWER AMP BOARD (1/2)]
[POWER AMP BOARD (2/2)]
[TRANSISTOR A BOARD]
[TRANSISTOR B BOARD]
[TRANSISTOR C BOARD]
IC701 STK412111 POWER AMP
D905 1SS202
Q501 2SC2458 MUTING
Q601 2SC2458 MUTING
Q602 2SA1048 POWER ON/OFF MUTING
VOLUME
RV506-1/2 50k
RV506-2/2 50k
RV507 250k
BALANCE
MOTOR B+
+10V
-10V
AEP, UK MODEL
G-AEP MODEL
MUTING
R-CH
L-CH
SUB
J701
HEADPHONES
TB711
SPEAKER
L
R
IC508
SAME AS IC504
4kHz
12kHz
Q903 2SD1406 VOLT. REG
Q906 2SC2458 VOLT. REG
Q904 2SC2458 VOLT. REG
Q901 2SD1406 VOLT. REG
Q905 2SA1048 VOLT. REG
Q902 2SD1406 VOLT. REG
D904 HZ12BL
D903 HZ11B3L
D901 S2VB20 RECT
D902 HZ11C3L
T901
F901 T800mA
S901
POWER
AEP, G-AEP MODEL
UK MODEL
AC IN
BRN
BLU
WHT
※NOT REPLACEABLE: BUILT IN TRANSFORMER
G-AEP MODEL

Note:

- All capacitors are in μF unless otherwise noted. pF: μμF 50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4W or less unless otherwise specified.
- ➡ : signal path.
- △ : internal component.
- ▭ : nonflammable resistor.
- ▭ : fusible resistor.
- **Switch**

Ref. No.	Switch	Position
S501	TAPE	OFF
S502	CD/AUX	OFF
S503	TUNER	OFF
S504	PHONO	OFF
S901	POWER	OFF

- ━━━ : B + bus.
- ━ ━ ━ : B − bus.
- ☐ : adjustment for repair.
- Voltages are dc with respect to ground unless otherwise noted.
- Redings are taken under detuned conditions with a VOM (50kΩ/V).
  no mark: FM mode
- Voltage variations may be noted due to normal production tolerances.

Note: The components identified by shading and mark ⚠ are critical for safety. Replace only with part number specified.

- Note on SCHEMATIC DIAGRAM

Note:

- All capacitors are in μF unless otherwise noted. pF: μμF 50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4W or less unless otherwise specified.
- ▨➡ : signal path.
- △ : internal component.
- ▭ : nonflammable resistor.
- ▭ : fusible resistor.

- **Switch**

Ref. No.	Switch		Position
S1-1-4	REC/PB		PB
S2-1	REC MUTE		OFF
S2-2	DOLBY NR		OFF
S2-3	DUBBING SPEED		NORMAL
S3	TAPE DUBBING		OFF
S4	PHONO DUBBING		OFF
S5	ISS		1
S301	MOTOR	DECK A	OFF
S302	FWD		OFF
S303	FF/REW		OFF
S304	TAPE TYPE (II/IV)		OFF
S311	MOTOR	DECK B	OFF
S312	FWD		OFF
S313	REC		OFF
S314	FF/REW		OFF
S315	TAPE TYPE (II/IV)		OFF
S316	TAPE TYPE (IV)		OFF

- ▬▬ : B + bus.
- ▬ ▬ ▬ : B – bus.
- ▭ : adjustment for repair.
- AC voltage readings in the bias oscillator with a VTVM.
- Voltages are dc with respect to ground unlees otherwise noted.
- Redings are taken under no-signal conditions with a VOM (50kΩ/V).
  - no mark : STOP mode
  - ●/▶ : RECORD mode
  - ▶ : FORWARD mode
  - ▶▶ : FAST-FORWARD mode
  - ◀◀ : REWIND mode
  - I : type I cassette
  - II : type II cassette
  - IV : type IV cassette
  - < > : normal speed
  - ≪ ≫ : high speed
  - ( ) : TAPE DUBBING mode
  - (( )) : PHONO DUBBING mode
  - 〔 〕 : when deck A motor is rotating
  - 〘 〙 : when deck B motor is rotating
- Voltage variations may be noted due to normal production tolerances.

Note: The components identified by shading and mark ⚠ are critical for safety. Replace only with part number specified.

- ON/OFF state of leaf switches at each mode

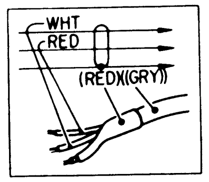
Switch \ mode	STOP	FWD		FF or REW		REC	TAPE DUBBING	PHONO DUBBING
		Deck A	Deck B	Deck A	Deck B			
S3 (TAPE DUBBING)	–	–	–	–	–	–	Momentarily ON together with S313.	–
S4 (PHONO DUBBING)	–	–	–	–	–	–	Momentarily ON later than S3, S313	Momentarily ON later than S313
S301 (motor)	–	ON	–	ON	–	–	ON	–
S302 (FWD)	–	ON	–	–	–	–	ON	–
S303 (FF/REW)	–	–	–	ON	–	–	–	–
S311 (motor)	–	–	ON	–	ON	ON	ON	ON
S312 (FWD)	–	–	ON	–	–	ON	ON	ON
S313 (REC)	–	–	–	–	–	ON	ON	ON
S314 (FF/REW)	–	–	–	–	ON	–	–	–

– mark indicates OFF state.
Tape type switches (S304, 315, 316) are changed by the tape type.

- Note on MOUNTING DIAGRAM

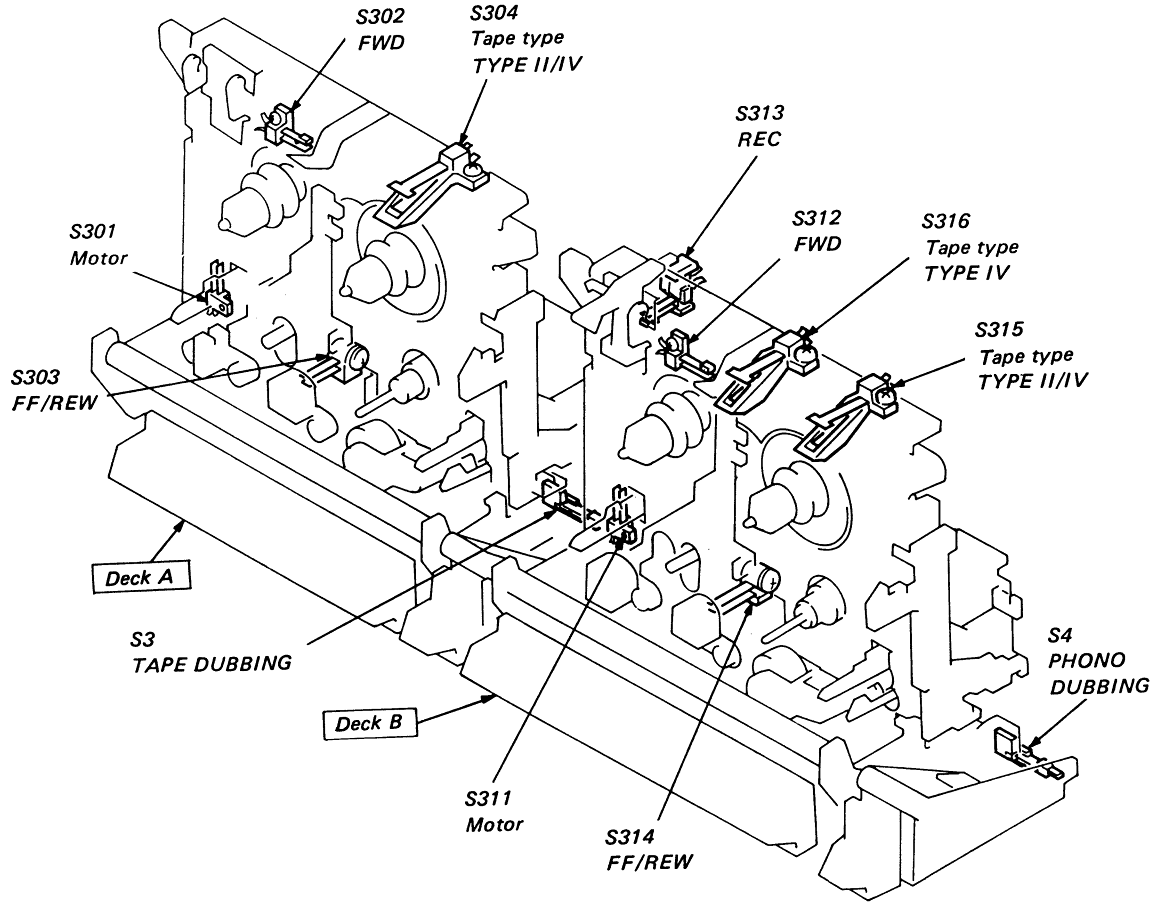
Note:

- Color code of sleeving over the end of the jacket.



- ○— : parts extracted from the component side.
- ●— : parts extracted from the conductor side.
- ■ : part mounted on the conductor side.
- ⬚◀— : indicates side identified with part number.
- ▬▬➡▬ : signal path
- ▬ ▬➡ : L-CH signal path
- ▬▪▪➡ : R-CH signal path
- : B + pattern
- ▨ : B – pattern

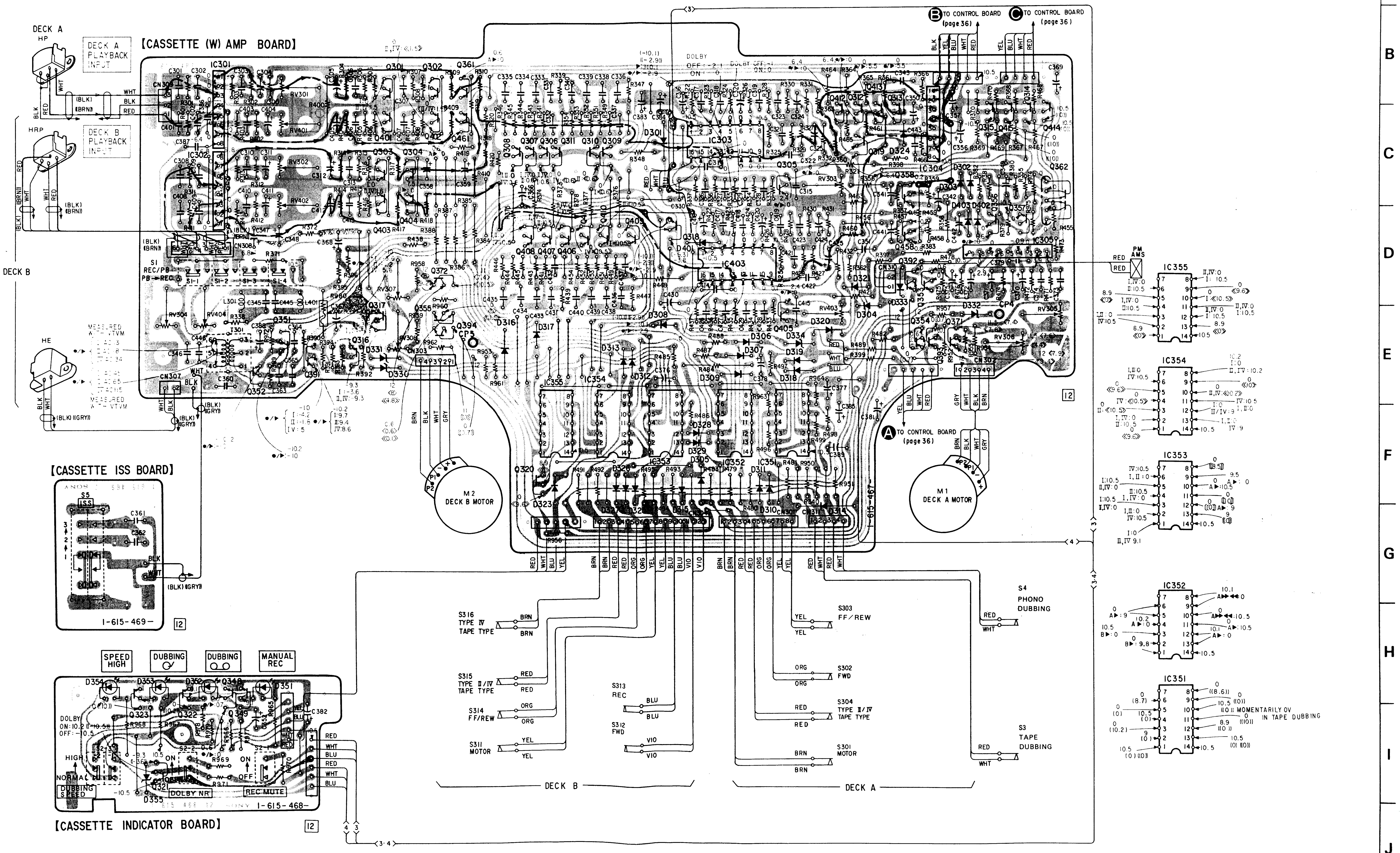
LEAF SWITCH LAYOUTS



4-7. CASSETTE DECK SECTION MOUNTING DIAGRAM

– Conductor Side – Refer to page 34 for semiconductor lead layouts.

	3	4	5	6	7	8	9	10	11	12
D			331,330		316,317 323	327,326,325 313,312,308,328,329 301 315 305	401 309,306,307,334,319 311 310 318	320 314	324 321 304 333 332	303,403,302,402
Q IC	IC301 IC302		352,351,391 301	401 302,402 361 461 303,403,304,404 317 316 372 355 394	308 307 306,311 310 309 408,407,406,411,410,409 IC355 320	IC354 IC353 318	IC303 IC403 IC352 305	412,312,413,313 319 405 IC351	358 458 392 353 354 393 371 IC304	315,415,314,414 356,357 362 IC305

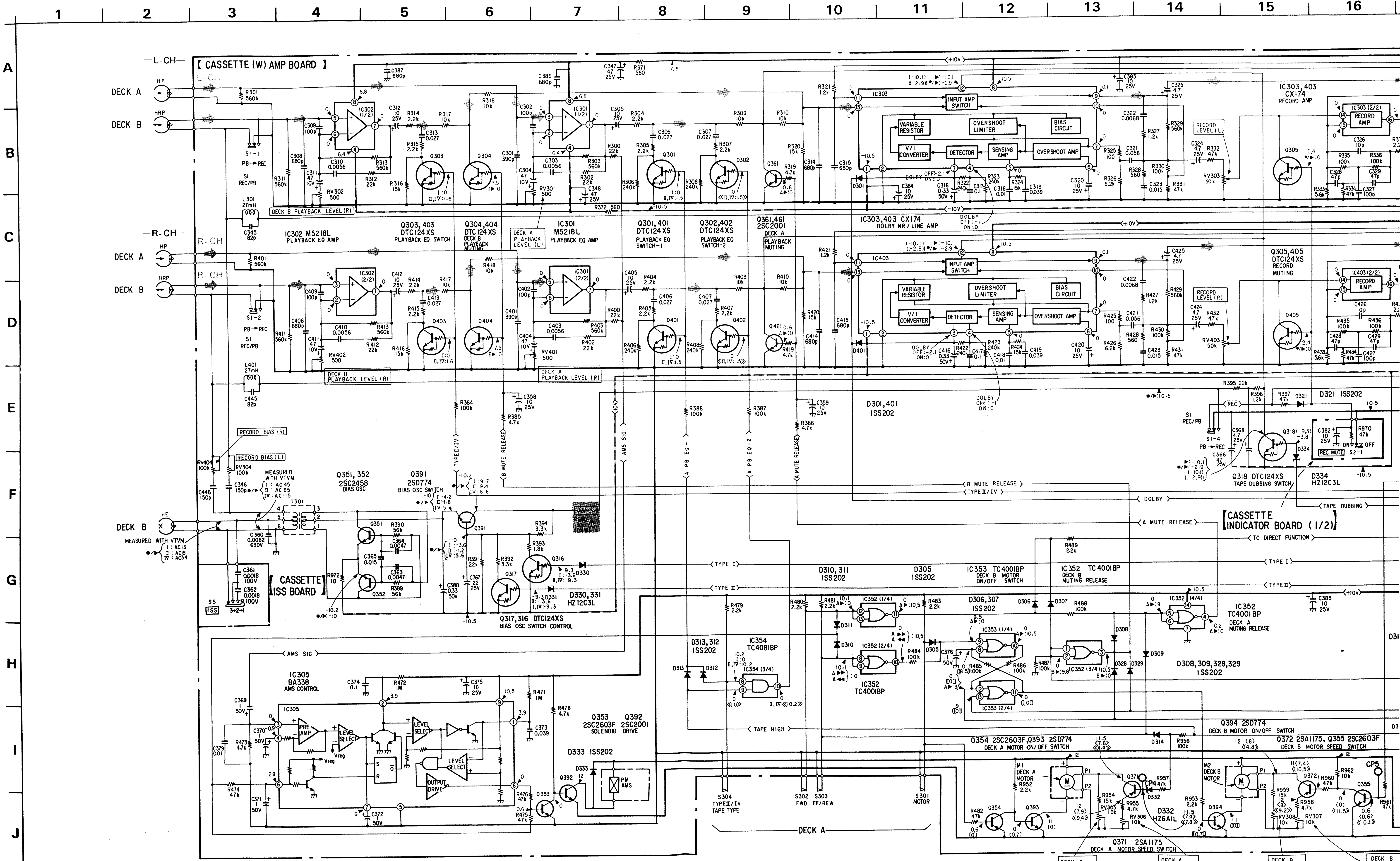


A
B
C
D
E
F
G
H
I
J
DECK A
HP
DECK A PLAYBACK INPUT
HRP
DECK B PLAYBACK INPUT
DECK B
HE
【CASSETTE (W) AMP BOARD】
S1 REC/PB
MEASURED WITH VTVM
B TO CONTROL BOARD (page 36)
C TO CONTROL BOARD (page 36)
A TO CONTROL BOARD (page 36)
DOLBY
M2 DECK B MOTOR
M1 DECK A MOTOR
PM AMS
1-615-467-
IC355
IC354
IC353
IC352
IC351
MOMENTARILY 0V IN TAPE DUBBING
【CASSETTE ISS BOARD】
S5
1-615-469-
S316 TYPE IV TAPE TYPE
S315 TYPE II/IV TAPE TYPE
S314 FF/REW
S311 MOTOR
S313 REC
S312 FWD
S303 FF/REW
S302 FWD
S304 TYPE II/IV TAPE TYPE
S301 MOTOR
S4 PHONO DUBBING
S3 TAPE DUBBING
DECK B
DECK A
SPEED HIGH
DUBBING
DUBBING
MANUAL REC
DOLBY ON OFF
HIGH
NORMAL
DUBBING SPEED
DOLBY NR
REC MUTE
1-615-468-
【CASSETTE INDICATOR BOARD】

HST-700W HST-700W

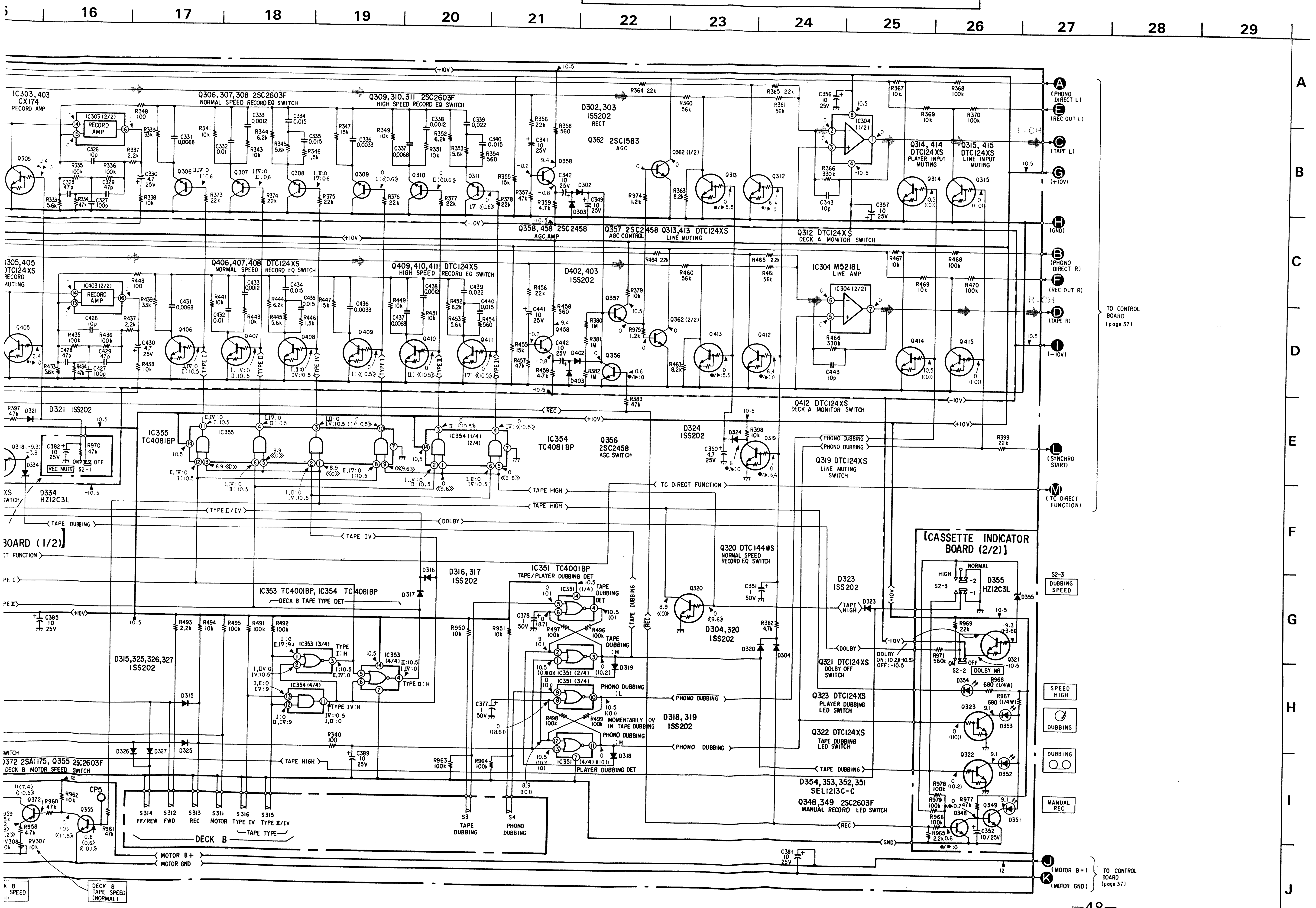
4-8. CASSETTE DECK SECTION SCHEMATIC DIAGRAM

- Refer to page 41 for note.



【CASSETTE (W) AMP BOARD】
-L-CH-
-R-CH-
DECK A
DECK B
HP
HRP
HE
IC302 M5218L PLAYBACK EQ AMP
IC301 M5218L PLAYBACK EQ AMP
Q303, 403 DTC124XS PLAYBACK EQ SWITCH
Q304,404 DTC124XS DECK B PLAYBACK MUTING
Q301, 401 DTC124XS PLAYBACK EQ SWITCH-1
Q302,402 DTC124XS PLAYBACK EQ SWITCH-2
Q361,461 2SC2001 DECK A PLAYBACK MUTING
IC303,403 CX174 DOLBY NR/LINE AMP
IC303, 403 CX174 RECORD AMP
Q305,405 DTC124XS RECORD MUTING
INPUT AMP SWITCH
VARIABLE RESISTOR
OVERSHOOT LIMITER
BIAS CIRCUIT
V/I CONVERTER
DETECTOR
SENSING AMP
OVERSHOOT AMP
RECORD AMP
RECORD LEVEL (L)
RECORD LEVEL (R)
DECK B PLAYBACK LEVEL (L)
DECK B PLAYBACK LEVEL (R)
DECK A PLAYBACK LEVEL (L)
DECK A PLAYBACK LEVEL (R)
RECORD BIAS (R)
RECORD BIAS (L)
D301,401 1SS202
Q351, 352 2SC2458 BIAS OSC
Q391 2SD774 BIAS OSC SWITCH
Q317,316 DTC124XS BIAS OSC SWITCH CONTROL
D330, 331 HZ12C3L
【CASSETTE ISS BOARD】
S5 ISS
MEASURED WITH VTVM
IC305 BA338 AMS CONTROL
PRE AMP
LEVEL SELECT
OUTPUT DRIVE
Q353 2SC2603F SOLENOID
Q392 2SC2001 DRIVE
D333 1SS202
PM AMS
D313, 312 1SS202
IC354 TC4081BP
D310, 311 1SS202
D305 1SS202
IC353 TC4001BP DECK B MOTOR ON/OFF SWITCH
IC352 TC4001BP DECK B MUTING RELEASE
IC352 TC4001BP DECK A MUTING RELEASE
D306,307 1SS202
D308,309,328,329 1SS202
Q318 DTC124XS TAPE DUBBING SWITCH
D334 HZ12C3L
D321 1SS202
REC MUTE
【CASSETTE INDICATOR BOARD (1/2)】
B MUTE RELEASE
TYPE II/IV
DOLBY
TAPE DUBBING
A MUTE RELEASE
TC DIRECT FUNCTION
TYPE I
TYPE II
TAPE HIGH
AMS SIG
A PB EQ-1
A PB EQ-2
+10V
-10V
Q394 2SD774 DECK B MOTOR ON/OFF SWITCH
Q354 2SC2603F,Q393 2SD774 DECK A MOTOR ON/OFF SWITCH
Q372 2SA1175, Q355 2SC2603F DECK B MOTOR SPEED SWITCH
Q371 2SA1175 DECK A MOTOR SPEED SWITCH
D332 HZ6A1L
M1 DECK A MOTOR
M2 DECK B MOTOR
S304 TYPE II/IV TAPE TYPE
S302 FWD
S303 FF/REW
S301 MOTOR
DECK A
DECK A TAPE SPEED (HIGH)
DECK A TAPE SPEED (NORMAL)
DECK B TAPE SPEED (HIGH)
DECK B TAPE SPEED (NORMAL)

HST-700W HST-700W


16
17
18
19
20
21
22
23
24
25
26
27
28
29
A
B
C
D
E
F
G
H
I
J
IC303, 403 CX174 RECORD AMP
IC303 (2/2) RECORD AMP
IC403 (2/2) RECORD AMP
Q306, 307, 308 2SC2603F NORMAL SPEED RECORD EQ SWITCH
Q309, 310, 311 2SC2603F HIGH SPEED RECORD EQ SWITCH
Q406, 407, 408 DTC124XS NORMAL SPEED RECORD EQ SWITCH
Q409, 410, 411 DTC124XS HIGH SPEED RECORD EQ SWITCH
Q305, 405 DTC124XS RECORD MUTING
D302, 303 1SS202 RECT
D402, 403 1SS202
Q362 2SC1583 AGC
Q358, 458 2SC2458 AGC AMP
Q357 2SC2458 AGC CONTROL
Q313, 413 DTC124XS LINE MUTING
Q312 DTC124XS DECK A MONITOR SWITCH
Q412 DTC124XS DECK A MONITOR SWITCH
IC304 M5218L LINE AMP
IC304 (1/2)
IC304 (2/2)
Q314, 414 DTC124XS PLAYER INPUT MUTING
Q315, 415 DTC124XS LINE INPUT MUTING
L-CH
R-CH
(+10V)
(−10V)
A (PHONO DIRECT L)
E (REC OUT L)
C (TAPE L)
G (+10V)
H (GND)
B (PHONO DIRECT R)
F (REC OUT R)
D (TAPE R)
I (−10V)
L (SYNCHRO START)
M (TC DIRECT FUNCTION)
TO CONTROL BOARD (page 37)
D321 1SS202
D334 HZ12C3L
REC MUTE S2-1
ON OFF
IC355 TC4081BP
IC354 TC4081BP
IC354 (1/4) (2/4)
Q356 2SC2458 AGC SWITCH
D324 1SS202
Q319 DTC124XS LINE MUTING SWITCH
PHONO DUBBING
TC DIRECT FUNCTION
TAPE HIGH
TYPE II / IV
TAPE DUBBING
DOLBY
TAPE IV
BOARD (1/2)
D316, 317 1SS202
IC353 TC4001BP, IC354 TC4081BP
DECK B TAPE TYPE DET
IC351 TC4001BP TAPE/PLAYER DUBBING DET
IC353 (3/4)
IC353 (4/4)
IC354 (4/4)
IC351 (1/4)
IC351 (2/4)
IC351 (3/4)
IC351 (4/4)
TAPE DUBBING DET
TAPE DUBBING :H
PHONO DUBBING :L
MOMENTARILY 0V IN TAPE DUBBING
PHONO DUBBING :H
PLAYER DUBBING DET
D318, 319 1SS202
Q320 DTC144WS NORMAL SPEED RECORD EQ SWITCH
D304, 320 1SS202
D323 1SS202
Q321 DTC124XS DOLBY OFF SWITCH
Q323 DTC124XS PLAYER DUBBING LED SWITCH
Q322 DTC124XS TAPE DUBBING LED SWITCH
D354, 353, 352, 351 SEL1213C-C
Q348, 349 2SC2603F MANUAL RECORD LED SWITCH
D315, 325, 326, 327 1SS202
Q372 2SA1175, Q355 2SC2603F DECK B MOTOR SPEED SWITCH
CP5
RV307 10k
DECK B TAPE SPEED (NORMAL)
S314 FF/REW
S312 FWD
S313 REC
S311 MOTOR
S316 TYPE IV
S315 TYPE II/IV
TAPE TYPE
DECK B
S3 TAPE DUBBING
S4 PHONO DUBBING
MOTOR B+
MOTOR GND
[CASSETTE INDICATOR BOARD (2/2)]
NORMAL
HIGH
S2-3
D355 HZ12C3L
DOLBY ON: 10.2 (0.5) OFF: −10.5
S2-2 DOLBY NR
DUBBING SPEED
SPEED HIGH
DUBBING
MANUAL REC
J (MOTOR B+)
K (MOTOR GND)
TO CONTROL BOARD (page 37)

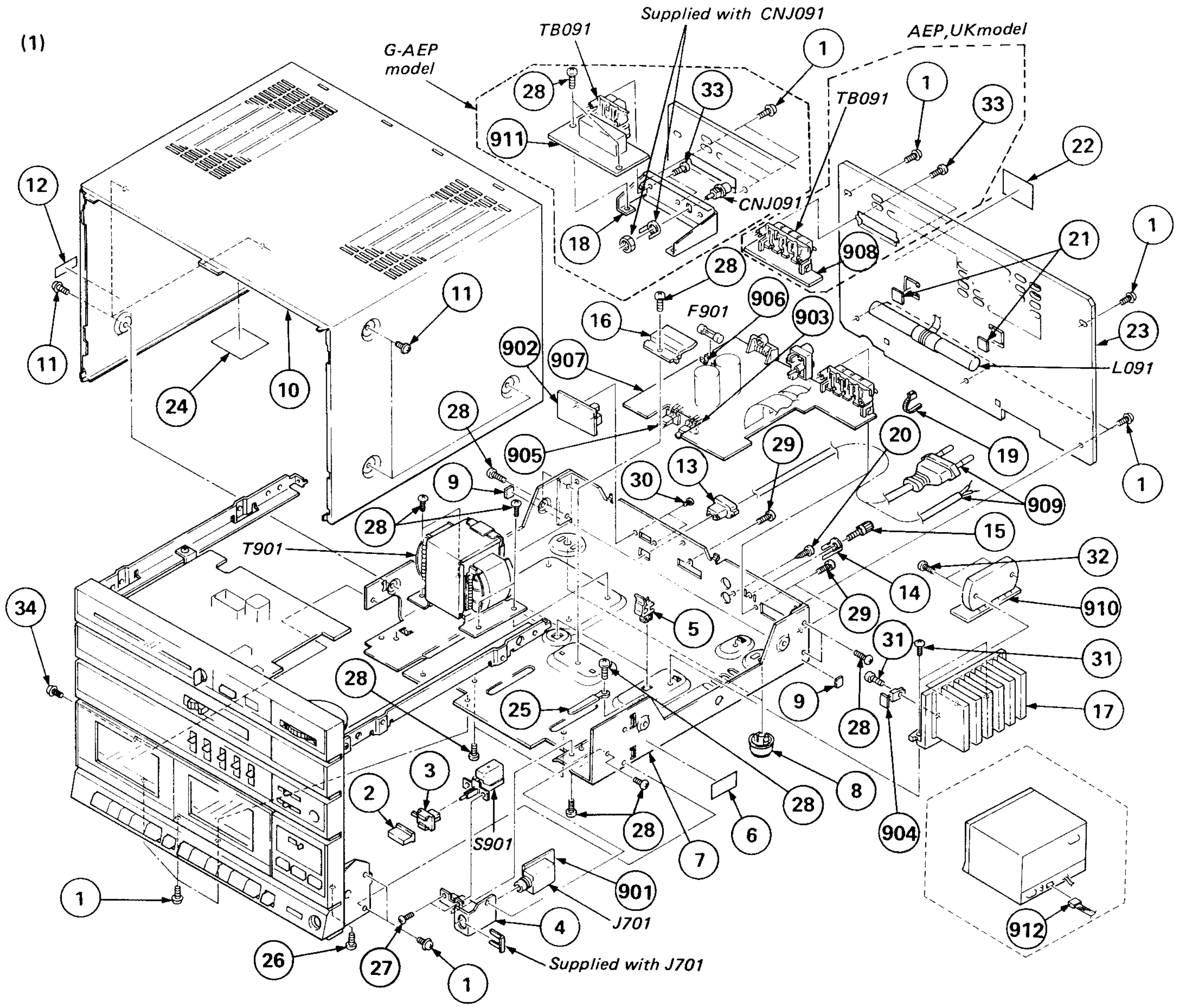
SECTION 5
EXPLODED VIEWS AND PARTS LIST

NOTE:

- The mechanical parts with no reference number in the exploded views are not supplied.
- Items marked " ★ " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- The construction parts of an assembled part are indicated with a collation number in the remark column.

The components identified by shading and mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une trame et une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

(1)



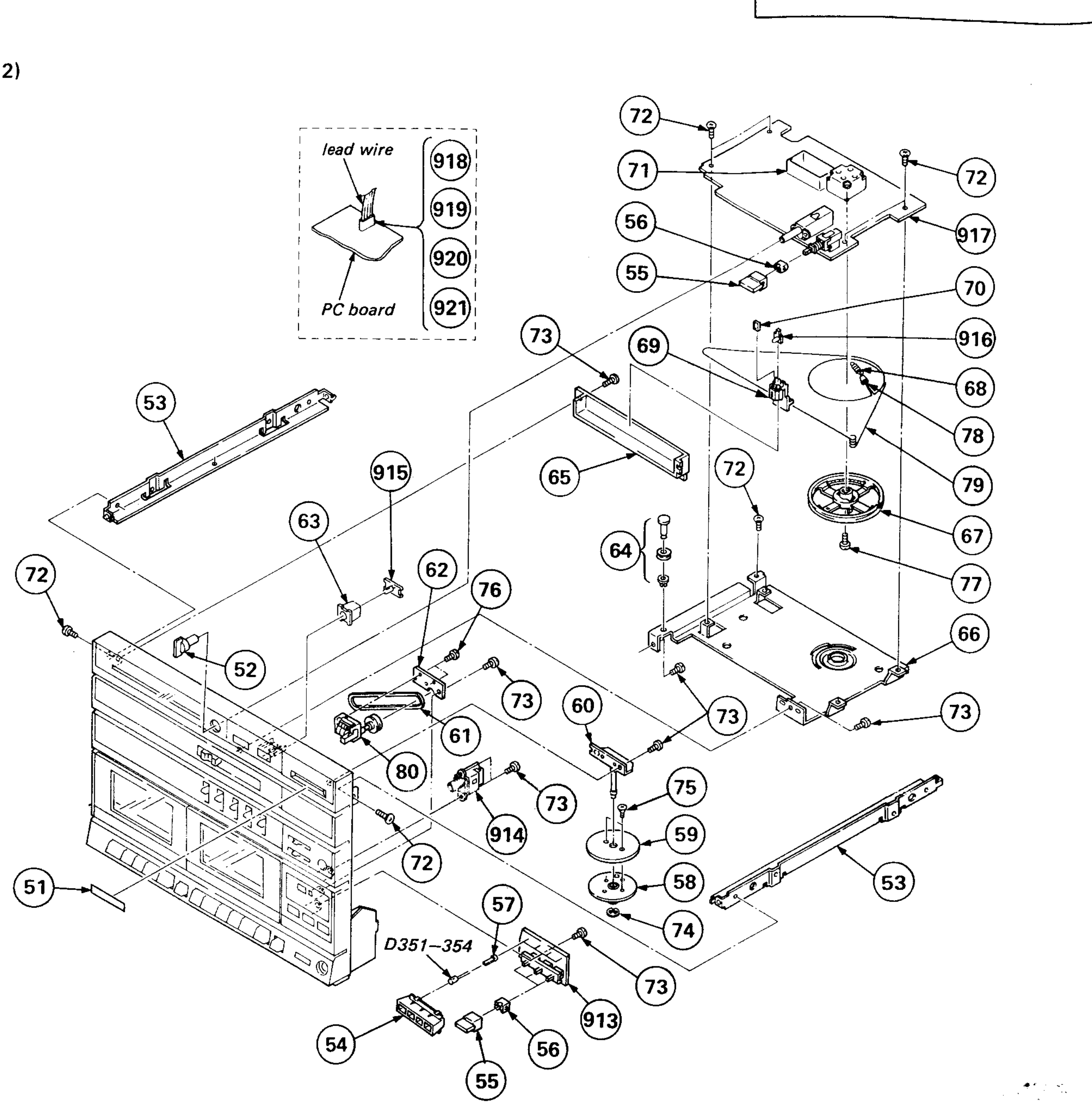
No.	Part No.	Description	Remarks
1	3-703-107-01	SCREW, +PTTWH 3X8	
2	4-902-830-21	KNOB (POWER-S), T TYPE	
3	*4-902-831-01	JOINT (G), KNOB	
4	*4-909-966-01	BRACKET, HP	
5	*3-703-141-00	HOLDER, PCB	
6	*3-701-030-00	LABEL, SERIAL NUMBER	
7	*4-909-938-01	(AEP,UK)...CHASSIS	
	*4-909-938-41	(G-AEP)....CHASSIS	
8	X-4864-303-0	FOOT ASSY	
9	3-312-987-01	(AEP,G-AEP)...CUSHION	
10	4-909-937-01	CASE	
11	4-886-821-01	SCREW, M3 CASE	
12	3-703-079-21	(UK)....LABEL, SUB CAUTION (BLACK)	
13	3-703-244-00	BUSHING (2104), CORD	
14	3-701-993-00	(G-AEP)...SPACER, TERMINAL	
15	3-706-165-01	(G-AEP)....SCREW	
16	*4-909-915-01	BRACKET, TR	
17	*4-902-965-01	HEAT SINK	
18	*4-909-902-01	(G-AEP)...BRACKET, ANTENNA	
19	3-701-748-00	CLAMP	
20	4-909-982-11	SCREW, TAPPING	
21	*4-910-502-01	CUSHION, ANTENNA	
22	*4-909-980-01	(AEP).....LABEL, MODEL NUMBER (AEP)	
	*4-909-979-01	(UK)......LABEL, MODEL NUMBER (UK)	
	*4-910-514-01	(G-AEP)...LABEL, MODEL NUMBER (AE4)	
23	4-909-972-51	(G-AEP)...BOARD, JACK	
	4-909-972-71	(UK)......BOARD, JACK	
	4-909-972-21	(AEP).....BOARD, JACK	

No.	Part No.	Description	Remarks
24	*4-910-504-01	LABEL, SERVICE	
25	3-701-822-00	HOLDER, WIRE	
26	7-685-874-01	SCREW +BVTT 3X12 (S)	
27	7-682-547-04	SCREW +P 3X6	
28	7-685-871-01	SCREW +BVTT 3X6 (S)	
29	7-685-646-71	SCREW +BVTP 3X8 TYPE2 N-S	
30	7-621-773-86	SCREW +P 2.6X4	
31	7-685-752-04	SCREW +BVTT 3X8 (S)	
32	7-685-650-11	SCREW +BVTP 3X16 TYPE2 N-S	
33	7-685-647-14	SCREW +BVTP 3X10 TYPE2 N-S	
34	3-703-249-01	SCREW, S TIGHT, +PTTWH 3X6	
901	*1-615-471-11	PC BOARD, HEADPHONE JACK	
902	*1-615-469-11	PC BOARD, CASSETTE ISS	
903	*1-616-116-11	PC BOARD, TRANSISTOR A	
904	*1-616-117-11	PC BOARD, TRANSISTOR B	
905	*1-616-118-11	PC BOARD, TRANSISTOR C	
906	1-533-162-00	HOLDER, FUSE	
907	*A-4388-436-A	(AEP).....MOUNTED PCB, POWER	
	*A-4388-437-A	(G-AEP)...MONUTED PCB, POWER	
	*A-4388-438-A	(UK)......MONUTED PCB, POWER	
908	*1-615-473-11	(AEP,UK)...PC BOARD, ANTENNA TERMINAL	
909	⚠1-534-817-XX	(AEP,G-AEP)...CORD, POWER, EULO PLUG	
	⚠1-555-001-00	(UK)......CORD, POWER	
910	*1-615-472-11	PC BOARD, POWER AMP	
911	*1-615-474-14	(G-AEP)...PC BOARD, FRONT-END	
912	1-557-841-11	CORD (WITH CONNECTOR)	

No.

51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67
68
69
70

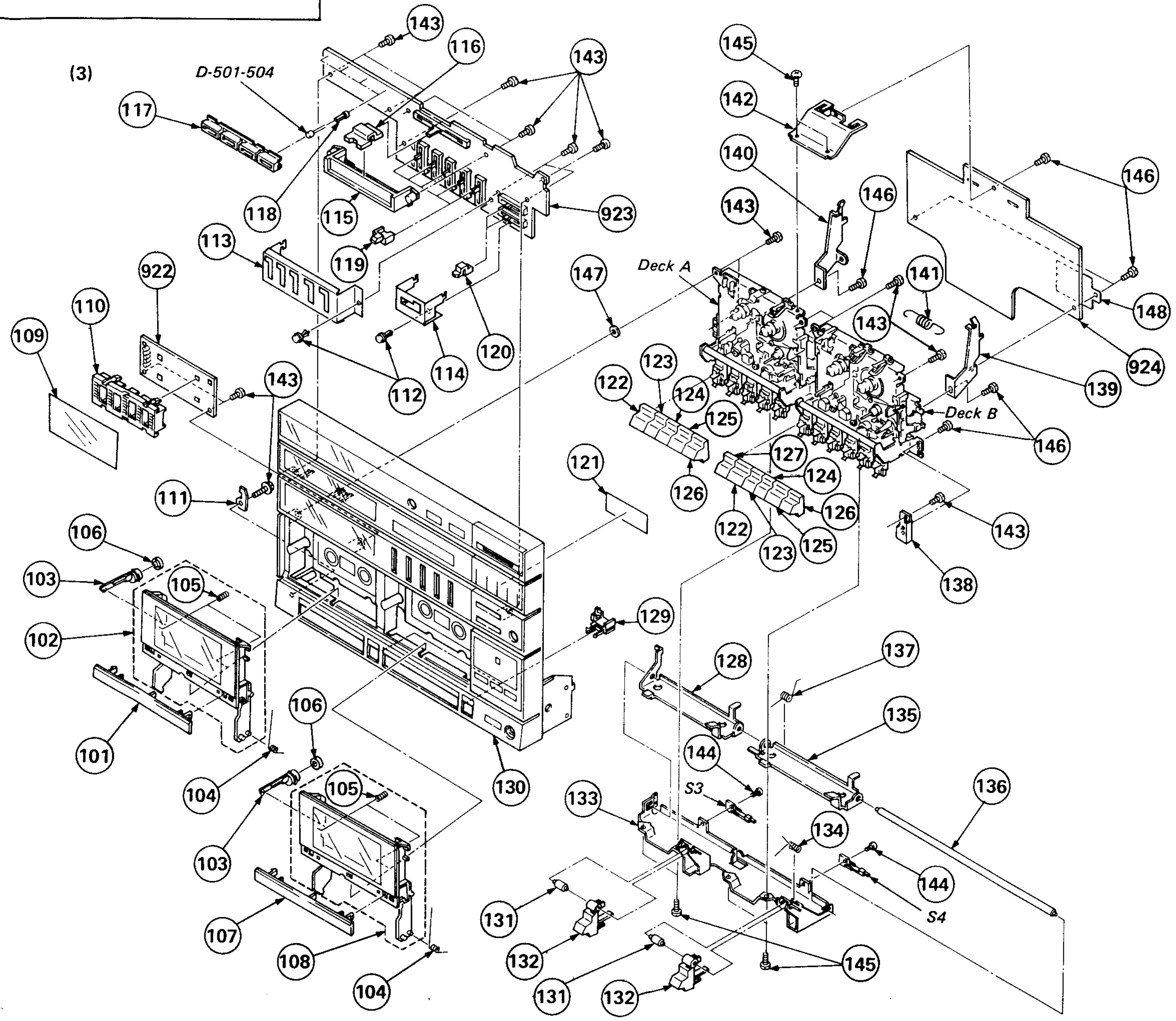
(2)


lead wire
PC board
918
919
920
921
72
71
56
55
70
916
917
73
69
68
78
79
67
77
66
65
64
53
915
63
62
76
72
52
61
80
73
60
75
59
58
74
914
51
57
D351–354
913
54
55
56
73

No.	Part No.	Description	Remarks
51	3-701-690-00	(UK)...LABEL (MADE IN JAPAN)	
52	4-888-210-11	KNOB, BAND SELECT	
53	*4-909-929-01	BRACKET, PJ	
54	*4-909-920-01	HOUSE (C), LED	
55	4-881-704-91	KNOB, SQUARE (5X16)	
56	4-864-307-00	RING	
57	*3-317-118-00	HOLDER (A), LED	
58	X-4909-902-1	TNA ASSY	
59	4-902-919-31	KNOB, TG	
60	*X-4909-901-1	REINFORCEMENT ASSY	
61	3-541-170-00	BELT, COUNTER	
62	*4-909-904-01	BRACKET, COUNTER	
63	*4-909-919-01	HOUSE (B), LED	
64	X-4856-325-0	PULLEY ASSY	
65	*4-909-933-01	RAIL, POINTER	
66	*4-909-973-01	HOLDER, DRUM	
67	*4-909-934-01	DRUM, DIAL	
68	4-902-929-01	SPRING, EXTENSION	
69	*4-909-935-01	POINTER	
70	*4-889-622-01	INDICATOR	

No.	Part No.	Description	Remarks
71	*4-880-329-00	(AEP,UK)...PLATE (E), SHIELD	
72	7-685-871-01	SCREW +BVTT 3X6 (S)	
73	7-685-646-71	SCREW +BVTP 3X8 TYPE2 N-S	
74	7-624-106-04	STOP RING 3.0, TYPE -E	
75	7-685-232-19	SCREW +KTP 2.6X5 TYPE2 SLIT	
76	7-685-131-11	SCREW +P 2.6X4 TYPE2 NON-SLIT	
77	7-621-773-95	SCREW +B 2.6X6	
78	7-623-616-01	EYELET, 2X3	
79	9-911-825-42	STRING, 0.5MM WHITE	
80	1-548-563-61	COUNTER, TAPE	
913	*1-615-468-11	PC BOARD, CASSETTE INDICATOR	
914	*1-615-477-11	PC BOARD, MIC JACK	
915	*1-615-466-13	PC BOARD, LED	
916	*1-615-464-11	PC BOARD, TUNING LED	
917	*A-4351-424-A	(AEP,UK)...MOUNTED PCB, TUNER	
	*A-4351-425-A	(G-AEP)....MOUNTED PCB, TUNER	
918	*1-562-249-00	SOCKET, CONNECTOR 4P	
919	*1-562-250-00	SOCKET, CONNECTOR 5P	
920	*1-562-251-00	SOCKET, CONNECTOR 6P	
921	*1-562-327-00	SOCKET, CONNECTOR 3P	

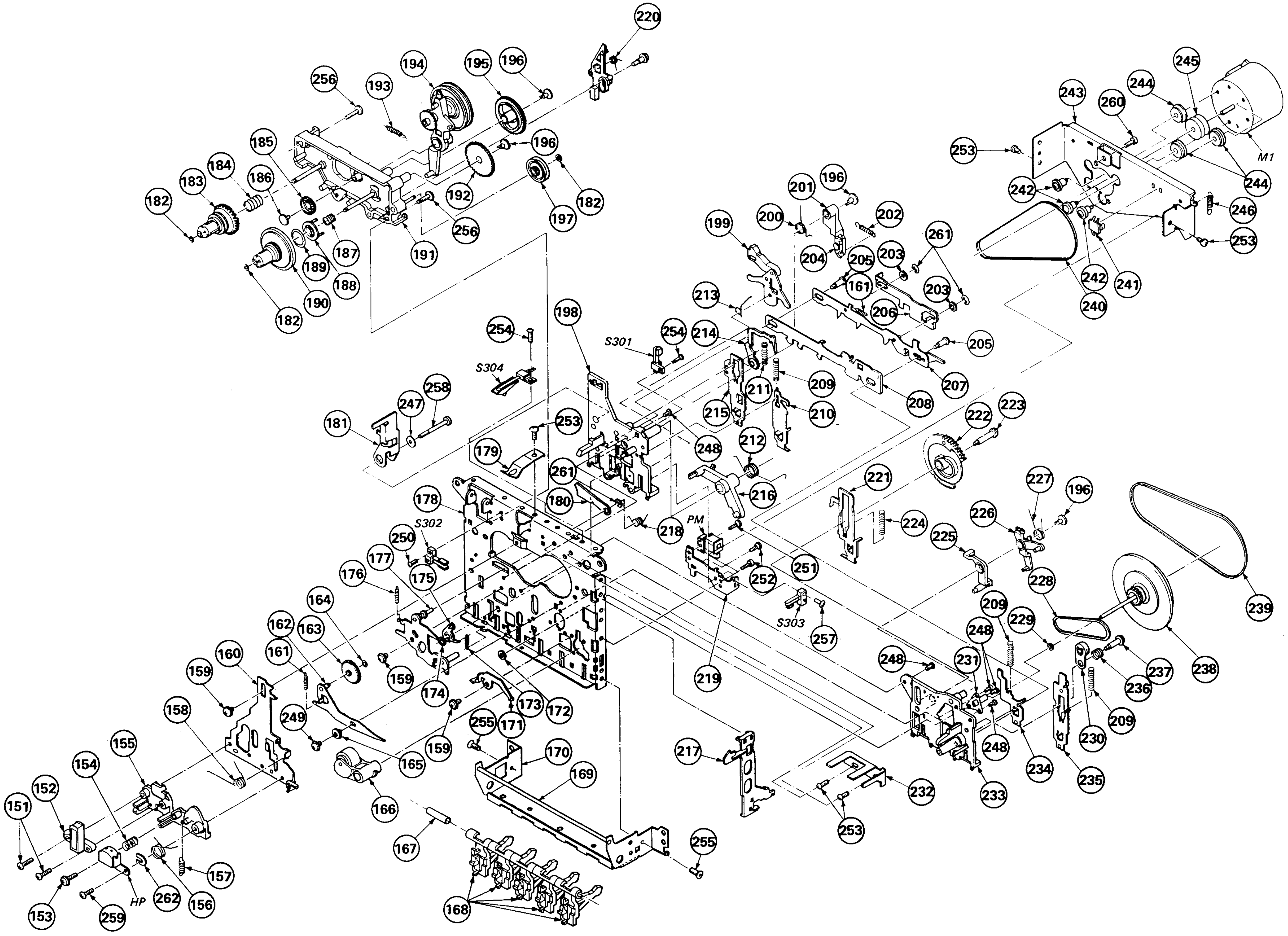
(3)


D-501-504
143
116
143
145
117
142
140
118
115
923
146
146
113
119
143
922
110
109
114
120
112
147
Deck A
141
143
148
924
139
143
111
122
123
124
125
Deck B
146
121
127
124
126
122
123
125
126
143
138
106
103
105
102
129
137
128
106
101
104
135
130
144
S3
133
134
136
105
103
144
S4
107
108
131
132
104
131
132
145

No.	Part No.	Description	Remarks
101	4-909-925-11	COVER, HOLDER	
102	X-4909-914-1	HOLDER ASSY (A), CASSETTE	105
103	3-312-458-01	PISTON (A)	
104	4-909-958-01	SPRING	
105	3-610-808-00	SPRING (1)	
106	3-312-441-00	RING, PISTON	
107	4-909-925-01	COVER, HOLDER	
108	X-4909-916-1	HOLDER ASSY (B), CASSETTE	105
109	*4-909-975-11	PLATE (5 GANG), INDICATION	
110	*4-909-976-01	HOUSE (5 GANG), LAMP	
111	*4-909-984-01	RETAINER, FULCRUM	
112	4-812-134-00	RIVET NYLON, 3.5	
113	*4-909-930-01	PLATE (A), SHIELD	
114	*4-909-912-01	PLATE (B), SHIELD	
115	*4-909-971-01	GUIDE, ORNAMENTAL PLATE	
116	4-888-031-00	KNOB, CONTROL, SLIDE	
117	*4-909-936-01	HOUSE (A), LED	
118	*3-317-118-00	HOLDER (A), LED	
119	4-909-977-11	KNOB, GRAPHIC EQUALIZER	
120	4-886-818-91	KNOB, CONTROL, SLIDE	
121	*4-910-511-01	SHEET, SPACER	
122	4-909-921-01	BUTTON, FWD	
123	4-909-922-01	BUTTON, FF	
124	4-909-923-01	BUTTON, REW	
125	4-909-926-01	BUTTON, STOP	
126	4-909-927-01	BUTTON, PAUSE	

No.	Part No.	Description	Remarks
127	4-909-928-01	BUTTON, REC	
128	*4-909-963-01	LEVER (B), DUBBING	
129	4-909-956-01	RETAINER, HOLDER FULCRUM	
130	X-4909-921-1	(AEP,UK)...PANEL ASSY, FRONT	
	X-4909-922-1	(G-AEP)....PANEL ASSY, FRONT	
131	*4-909-954-01	SHAFT, DUBBING BUTTON	
132	4-909-924-01	BUTTON, DUBBING	
133	*4-909-964-01	BRACKET, DUBBING LEVER	
134	4-909-961-01	SPRING	
135	*4-909-962-01	LEVER (A), DUBBING	
136	*4-909-955-01	SHAFT, DUBBING LEVER	
137	4-909-959-01	SPRING	
138	*4-909-903-01	BRACKET, MD	
139	*4-909-952-01	BRACKET (RIGHT), PC BOARD	
140	*4-909-953-01	BRACKET (LEFT), PC BOARD	
141	4-909-960-01	SPRING	
142	*4-909-957-01	PLATE, JOINT, MD	
143	7-685-646-71	SCREW +BVTP 3X8 TYPE2 N-S	
144	7-621-257-35	SCREW +P 2.3X5	
145	7-685-862-01	SCREW +BVTT 2.6X6 (S)	
146	7-685-871-01	SCREW +BVTT 3X6 (S)	
147	3-555-872-00	SPACER	
148	*4-910-516-01	(G-AEP)··· PLATE (B.TR),SHIELD	
922	*1-615-478-11	PC BOARD, SPECTRUM ANALYZER	
923	*A-4375-207-A	(AEP,UK)...MOUNTED PCB, CONTROL	
	*A-4375-208-A	(G-AEP)....MOUNTED PCB, CONTROL	
924	*A-4393-026-A	MOUNTED PCB, DECK	

(4) Deck A : TCM-50FMSB


220
256
193
194
195
196
185
184
186
183
182
196
192
182
256
197
187
191
189
188
190
182
245
243
244
260
253
M1
244
242
246
253
242
241
240
201
196
199
200
202
204
205
203
261
161
203
206
213
254
198
S301
254
214
S304
205
207
211
209
215
210
208
258
247
181
253
222
223
212
179
248
261
216
221
227
196
178
180
S302
218
PM
224
226
225
250
177
176
175
251
252
228
239
164
209
S303
229
162
163
257
248
160
161
248
231
237
238
159
159
174
236
172
173
158
249
171
255
209
230
165
159
170
169
217
155
154
248
234
235
233
232
152
151
166
253
255
167
157
168
153
HP
262
156
259
219

No.
151
152
153

154
155
156

157
158
159

160
161
162

163
164
165

166
167
168

169
170
171

172
173
174

175
176
177

178
179
180

181
182
183

184
185
186

187
188
189

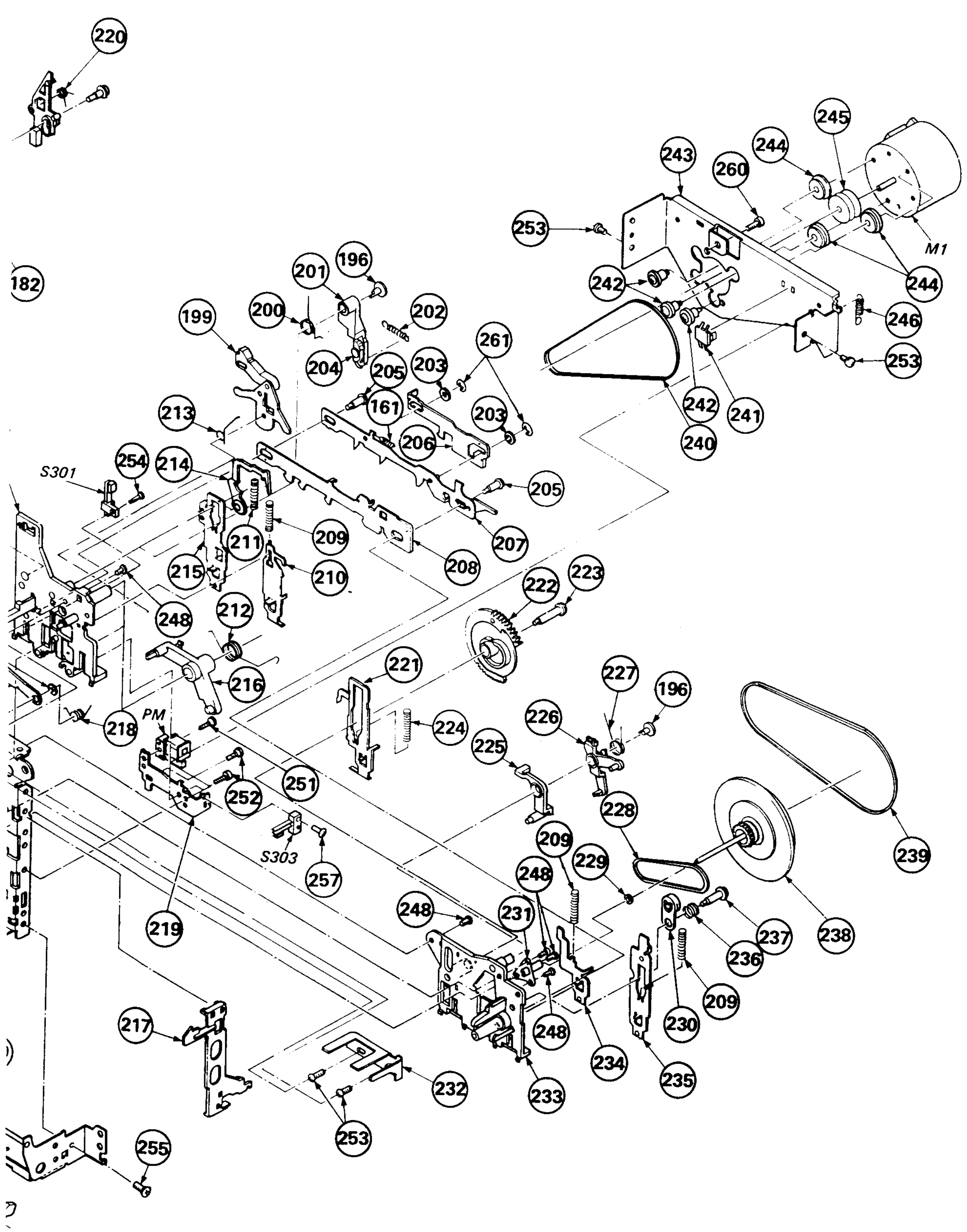
190
191
192

193
194
195
196

197
198
199

200
201
202

203
204
205



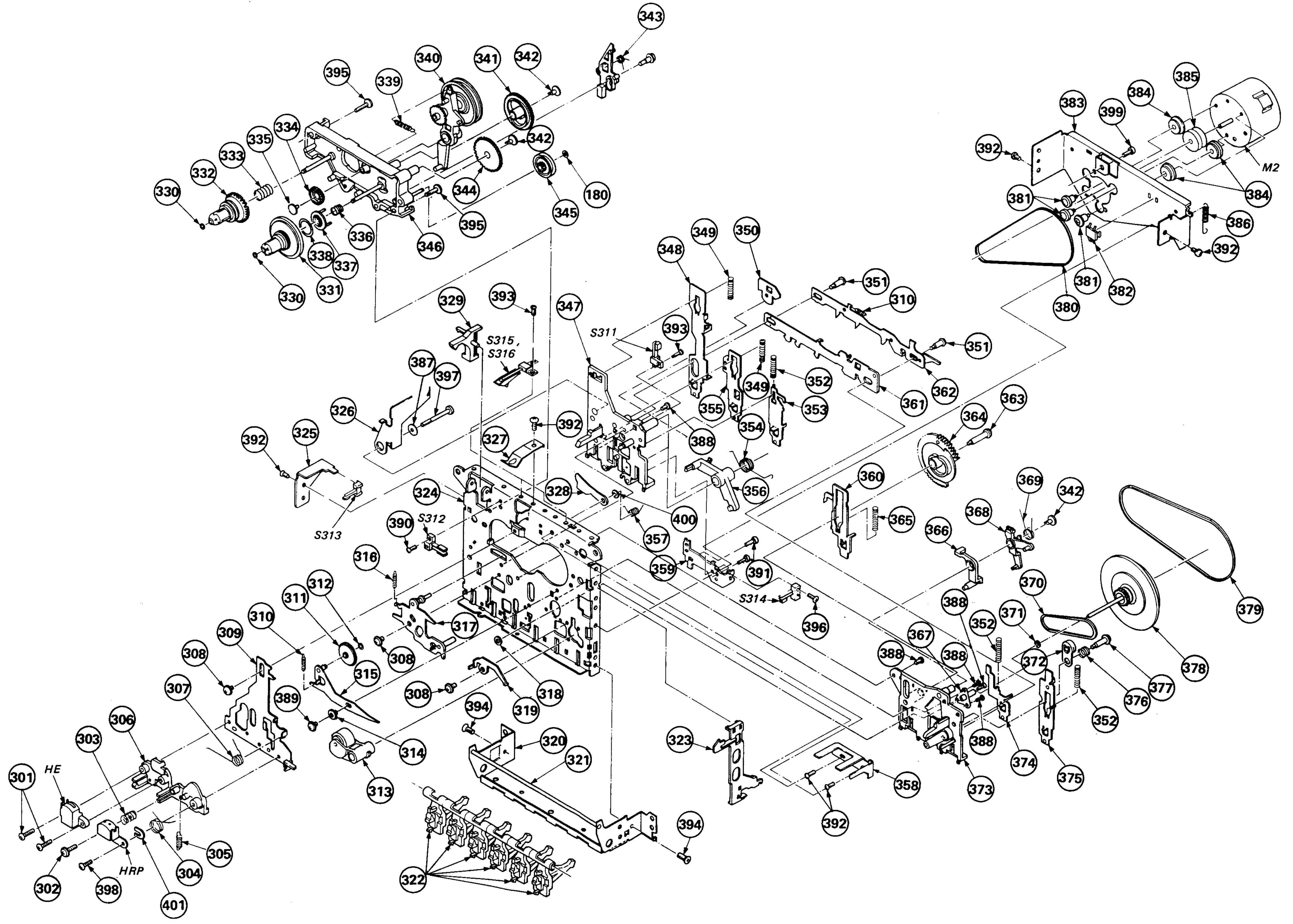
DECK A:TCM-50FMSB

No.	Part No.	Description	Remarks
151	3-595-988-01	SCREW (2X8.5), BINDING	
152	*3-595-986-01	GUIDE, TAPE	
153	3-595-972-01	SCREW (2X9), WASHER HEAD	
154	3-595-954-01	SPRING	
155	*3-595-926-01	BASE, HEAD	
156	3-595-955-01	SPRING	
157	3-595-956-01	SPRING	
158	3-595-953-01	SPRING	
159	3-595-964-01	SCREW (A)	
160	*3-595-912-01	CHASSIS, HEAD	
161	3-595-951-01	SPRING	
162	*X-3595-902-1	ARM (HT) ASSY, IDLER	
163	3-595-941-01	IDLER, PLAY	
164	3-595-969-01	WASHER, POLYSLIDER	
165	3-595-919-01	COLLAR	
166	X-3595-905-1	ARM ASSY, P ROLLER	
167	*3-595-978-01	COLLAR, BUTTON	
168	3-595-933-01	LEVER, BUTTON	
169	*3-595-920-01	SHAFT, BUTTON	
170	*3-595-915-01	HOLDER (C), BUTTON	
171	*3-595-902-01	ARM, PAUSE	
172	3-595-970-01	WASHER, OIL STOP	
173	3-595-982-01	SPRING	
174	3-595-987-01	WASHER, REEL	
175	X-3595-915-1	ARM (N) ASSY, RC LOCK	
176	3-595-946-01	SPRING (C)	
177	*X-3595-901-1	ARM ASSY, SHIFT	
178	*3-595-901-01	CHASSIS	
179	3-595-916-01	SPRING	
180	*3-595-989-01	LEVER (B), REC	
181	*3-595-977-01	ARM, TRIGGER	
182	3-558-708-11	WASHER, STOPPER	
183	X-3595-907-1	REEL ASSY, SUPPLY	
184	3-595-957-01	SPRING	
185	3-595-927-01	GEAR, FF	
186	3-595-928-01	BUSHING	
187	3-595-961-01	SPRING	
188	3-595-938-01	CLUTCH, AUTO	
189	3-595-968-01	FELT, AUTO CLUTCH	
190	X-3595-906-1	REEL ASSY, TAKE-UP	
191	X-3595-908-1	BASE ASST (B), REEL	
192	3-595-936-01	GEAR, AUTO	
193	3-595-963-01	SPRING	
194	X-3595-909-1	ARM ASSY, CLUTCH	
195	3-595-937-01	GEAR, AUTO CAM	
196	3-595-934-01	BUSHING	
197	3-595-935-01	PULLEY, AUTO	
198	3-595-923-01	HOLDER (B), LEVER	
199	X-3595-913-1	ARM ASSY, RC	
200	3-595-985-01	SPRING	
201	3-595-980-01	ARM, SOLENOID	
202	3-595-984-01	SPRING (H)	
203	3-701-439-11	WASHER	
204	3-595-979-01	SHAFT, CHIP	
205	3-595-965-01	SCREW (B)	

DECK A:TCM-50FMSB

No.	Part No.	Description	Remarks
206	*3-595-976-01	CAM (S), LOCK	
207	X-3595-914-1	CAM (BS) ASSY, LOCK	
208	*3-595-975-01	CAM (C), LOCK	
209	3-595-948-01	SPRING	
210	*3-595-905-01	LEVER (H), REW	
211	3-595-949-01	SPRING	
212	3-595-983-01	SPRING (H)	
213	3-595-981-01	SPRING	
214	3-595-974-01	HOLDER, TRIGGER	
215	*X-3595-912-1	LEVER (S) ASSY, PLAY	
216	3-595-930-01	ARM (H), LOCK	
217	3-595-932-01	LEVER (F), EJECT	
218	3-595-950-01	SPRING (B)	
219	*3-595-906-01	BRACKET, SOLENOID	
220	3-595-960-01	SPRING	
221	*3-595-904-01	LEVER (H), FF	
222	3-595-929-01	GEAR (C)	
223	3-595-967-01	SCREW (D)	
224	3-595-947-01	SPRING	
225	3-595-939-01	ARM (B), AUTO	
226	3-595-940-01	ARM, AUTO LOCK	
227	3-595-962-01	SPRING	
228	3-595-944-01	BELT, AUTO	
229	3-701-437-21	WASHER	
230	3-595-924-01	CAM, PAUSE	
231	X-3595-911-1	HOUSING ASSY	
232	*3-595-913-01	PROTECTOR, SWITCH	
233	3-595-922-01	HOLDER (A), LEVER	
234	*3-595-903-01	LEVER, STOP	
235	*X-3595-903-1	LEVER (B) ASSY, PAUSE	
236	3-595-952-01	SPRING	
237	3-595-966-01	SCREW (C)	
238	X-3595-910-1	FLYWHEEL ASSY (H)	
239	3-595-942-01	BELT, DRIVE	
240	3-595-943-01	BELT, FR	
241	3-595-931-01	SPACER, CAPSTAN	
242	3-595-973-01	SCREW, MOTOR	
243	*3-595-914-01	HOLDER, MOTOR	
244	3-595-945-01	CUSHION, MOTOR	
245	3-595-921-01	PULLEY, MOTOR	
246	3-595-959-01	SPRING	
247	7-688-002-11	W 2.6, MIDDLE	
248	7-685-781-04	SCREW +PTT 2X4 (S)	
249	7-685-782-01	SCREW +PTT 2X5 (S)	
250	7-621-772-38	SCREW +PTT 2X6 (S)	
251	7-685-784-04	SCREW +PTT 2X8 (S)	
252	7-685-786-01	SCREW +PTT 2X12 (S)	
253	7-685-790-04	SCREW +PTT 2.6X4 (S)	
254	7-685-791-04	SCREW +PTT 2.6X5 (S)	
255	7-621-559-30	SCREW +K 2.6X5	
256	7-685-793-04	SCREW +BVTT 2.6X8 (S)	
257	7-685-864-01	SCREW +BVTT 2.6X10 (S)	
258	7-685-868-01	SCREW +BVTT 2.6X20 (S)	
259	7-621-772-40	SCREW +B 2X8	
260	7-685-792-04	SCREW +PTT 2.6X6 (S)	
261	7-624-104-04	STOP RING 2.0, TYPE -E	
262	3-513-237-01	SHIM, HEAD ADJUSTMENT (t=0.1)	
262	3-513-237-11	SHIM, HEAD ADJUSTMENT (t=0.2)	

(5) Deck B : TCM50FMB


343
340
341
342
395
339
334
335
333
332
330
342
344
345
180
336
338
337
331
330
395
346
383
399
384
385
392
M2
384
381
386
392
381
382
380
348
349
350
351
310
351
329
393
347
S311
393
S315,
S316
387
397
326
349
352
355
353
361
362
363
364
392
325
327
388
354
356
S313
324
328
400
357
390
S312
360
365
366
369
342
368
316
359
391
S314
396
370
379
312
311
310
309
317
308
315
308
318
319
388
367
388
352
371
372
377
376
378
352
308
307
389
314
394
320
321
323
358
388
373
374
375
306
303
301
HE
313
392
322
394
305
304
302
398
HRP
401

No.

301
302
303

304
305
306

307
308
309

310
311
312

313
314
315

316
317
318

319
320
321

322
323
324

325
326
327

328
329
330

331
332
333

334
335
336

337
338
339

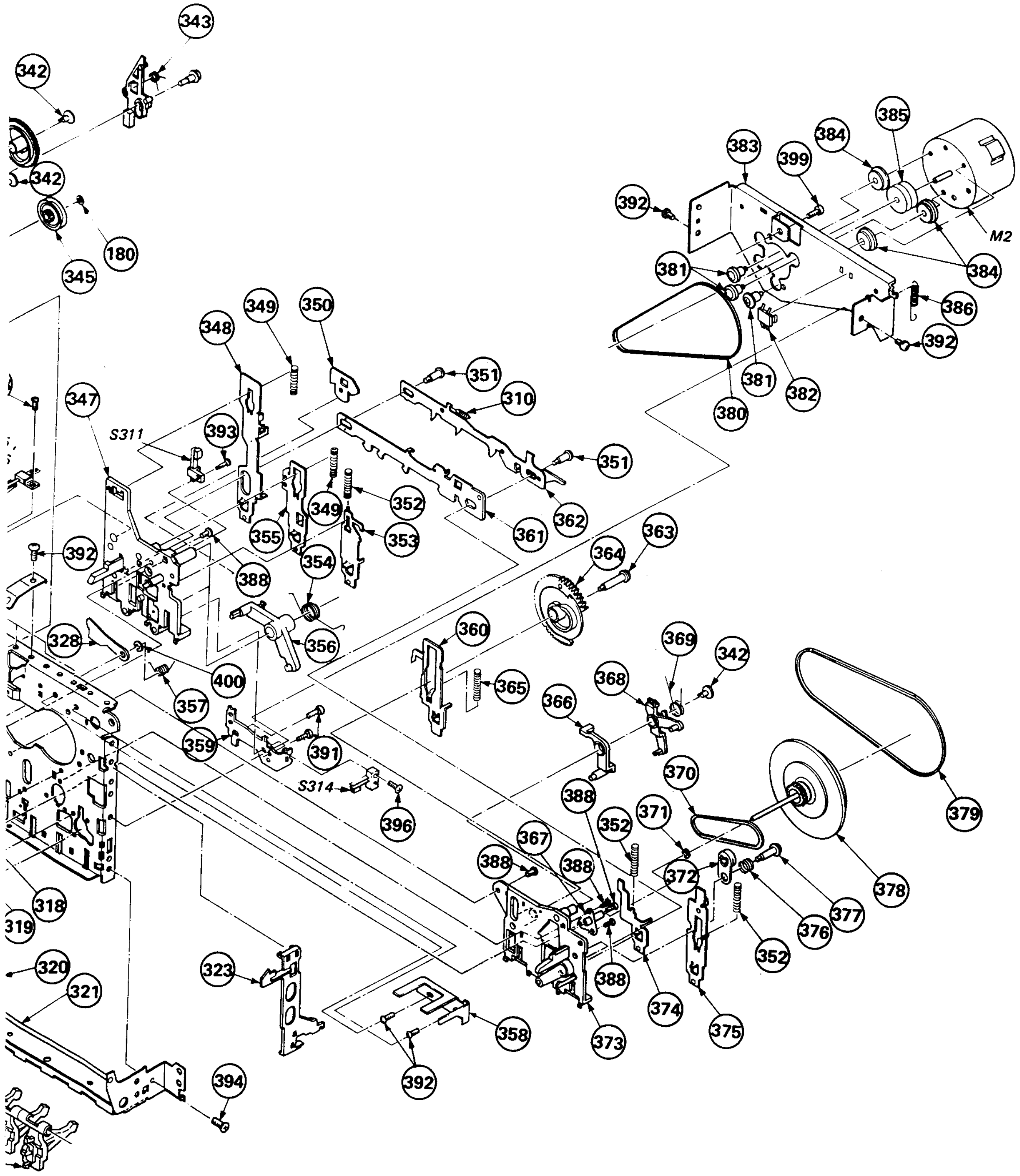
340
341
342

343
344
345

346
347
348

349
350
351

352
353
354



DECK B:TCM-50FMB

No.	Part No.	Description	Remarks
301	3-595-971-01	SCREW (2X9), BINDING	
302	3-595-972-01	SCREW (2X9), WASHER HEAD	
303	3-595-954-01	SPRING	
304	3-595-955-01	SPRING	
305	3-595-956-01	SPRING	
306	*3-595-926-01	BASE, HEAD	
307	3-595-953-01	SPRING	
308	3-595-964-01	SCREW (A)	
309	*3-595-912-01	CHASSIS, HEAD	
310	3-595-951-01	SPRING	
311	3-595-941-01	IDLER, PLAY	
312	3-595-969-01	WASHER, POLYSLIDER	
313	X-3595-905-1	ARM ASSY, P ROLLER	
314	3-595-919-01	COLLAR	
315	*X-3595-902-1	ARM (HT) ASSY, IDLER	
316	3-595-946-01	SPRING (C)	
317	*X-3595-901-1	ARM ASSY, SHIFT	
318	3-595-970-01	WASHER, OIL STOP	
319	*3-595-902-01	ARM, PAUSE	
320	*3-595-915-01	HOLDER (C), BUTTON	
321	*3-595-920-01	SHAFT, BUTTON	
322	3-595-933-01	LEVER, BUTTON	
323	3-595-932-01	LEVER (F), EJECT	
324	*3-595-901-01	CHASSIS	
325	*3-595-911-01	BRACKET, REC SWITCH	
326	*3-595-917-01	ARM, REC	
327	3-595-916-01	SPRING	
328	*3-595-908-01	LEVER (BH), REC	
329	3-595-925-01	SENSOR, REC	
330	3-558-708-11	WASHER, STOPPER	
331	X-3595-906-1	REEL ASSY, TAKE-UP	
332	X-3595-907-1	REEL ASSY, SUPPLY	
333	3-595-957-01	SPRING	
334	3-595-927-01	GEAR, FF	
335	3-595-928-01	BUSHING	
336	3-595-961-01	SPRING	
337	3-595-938-01	CLUTCH, AUTO	
338	3-595-968-01	FELT, AUTO CLUTCH	
339	3-595-963-01	SPRING	
340	X-3595-909-1	ARM ASSY, CLUTCH	
341	3-595-937-01	GEAR, AUTO CAM	
342	3-595-934-01	BUSHING	
343	3-595-960-01	SPRING	
344	3-595-936-01	GEAR, AUTO	
345	3-595-935-01	PULLEY, AUTO	
346	X-3595-908-1	BASE ASST (B), REEL	
347	3-595-923-01	HOLDER (B), LEVER	
348	*3-595-907-01	LEVER (C), REC	
349	3-595-949-01	SPRING	
350	*3-595-918-01	ARM, INTERLOCK	
351	3-595-965-01	SCREW (B)	
352	3-595-948-01	SPRING	
353	*3-595-905-01	LEVER (H), REW	
354	3-595-958-01	SPRING (C)	
355	*3-595-909-01	LEVER (B), PLAY	
356	3-595-930-01	ARM (H), LOCK	
357	3-595-950-01	SPRING (B)	
358	*3-595-913-01	PROTECTOR, SWITCH	
359	*3-595-906-01	BRACKET, SOLENOID	
360	*3-595-904-01	LEVER (H), FF	
361	*3-595-910-01	CAM (A), LOCK	
362	*X-3595-904-1	CAM (B) ASSY, LOCK	
363	3-595-967-01	SCREW (D)	
364	3-595-929-01	GEAR (C)	
365	3-595-947-01	SPRING	
366	3-595-939-01	ARM (B), AUTO	
367	X-3595-911-1	HOUSING ASSY	
368	3-595-940-01	ARM, AUTO LOCK	
369	3-595-962-01	SPRING	
370	3-595-944-01	BELT, AUTO	
371	3-701-437-11	WASHER	
372	3-595-924-01	CAM, PAUSE	
373	3-595-922-01	HOLDER (A), LEVER	
374	*3-595-903-01	LEVER, STOP	
375	*X-3595-903-1	LEVER (B) ASSY, PAUSE	
376	3-595-952-01	SPRING	
377	3-595-966-01	SCREW (C)	
378	X-3595-910-1	FLYWHEEL ASSY (H)	
379	3-595-942-01	BELT, DRIVE	
380	3-595-943-01	BELT, FR	
381	3-595-973-01	SCREW, MOTOR	
382	3-595-931-01	SPACER, CAPSTAN	
383	*3-595-914-01	HOLDER, MOTOR	
384	3-595-945-01	CUSHION, MOTOR	
385	3-595-921-01	PULLEY, MOTOR	
386	3-595-959-01	SPRING	
387	7-688-002-11	W 2.6, MIDDLE	
388	7-685-781-04	SCREW +PTT 2X4 (S)	
389	7-685-782-01	SCREW +PTT 2X5 (S)	
390	7-621-772-38	SCREW +PTT 2X6 (S)	
391	7-685-786-01	SCREW +PTT 2X12 (S)	
392	7-685-790-04	SCREW +PTT 2.6X4 (S)	
393	7-685-791-04	SCREW +PTT 2.6X5 (S)	
394	7-621-559-30	SCREW +K 2.6X5	
395	7-685-793-04	SCREW +BVTT 2.6X8 (S)	
396	7-685-864-01	SCREW +BVTT 2.6X10 (S)	
397	7-685-868-01	SCREW +BVTT 2.6X20 (S)	
398	7-621-772-40	SCREW +B 2X8	
399	7-685-792-04	SCREW +PTT 2.6X6 (S)	
400	7-624-104-04	STOP RING 2.0, TYPE -E	
401	3-513-237-01	SHIM, HEAD ADJUSTMENT (t=0.1)	
401	3-513-237-11	SHIM, HEAD ADJUSTMENT (t=0.2)	

SECTION 6
ELECTRICAL PARTS LIST

NOTE:
- Items marked " ★ " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- If there are two or more same circuitsin a set such as a stereophonic machine, only typical circuit parts may be indicated and capacitors and resistors in other same circuits may be omitted.

CAPACITORS:
MF:μF, PF:μμF.

RESISTORS
- All resistors are in ohms.
- F : nonflammable

COILS
- MMH : mH, UH : μH

SEMICONDUCTORS
In each case, U : μ, for example:
UA...: μA..., UPA...: μPA..., UPC...: μPC, UPD...: μPD...

The components identified by shading and mark ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une trame et une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

ELECTRICAL PARTS

Ref.No.	Part No.	Description
901	*1-615-471-11	PC BOARD, HEADPHONE JACK
902	*1-615-469-11	PC BOARD, CASSETTE ISS
903	*1-616-116-11	PC BOARD, TRANSISTOR A
904	*1-616-117-11	PC BOARD, TRANSISTOR B
905	*1-616-118-11	PC BOARD, TRANSISTOR C
906	1-533-162-00	HOLDER, FUSE
907	*A-4388-436-A	(AEP).....MOUNTED PCB, POWER
	*A-4388-437-A	(G-AEP)...MONUTED PCB, POWER
	*A-4388-438-A	(UK)......MONUTED PCB, POWER
908	*1-615-473-11	(AEP,UK)...PC BOARD, ANTENNA TERMINAL
909	⚠.1-534-817-XX	(AEP,G-AEP)...CORD, POWER, EULO PLUG
	⚠.1-555-001-00	(UK)..........CORD, POWER
910	*1-615-472-11	PC BOARD, POWER AMP
911	*1-615-474-14	(G-AEP)...PC BOARD, FRONT-END
912	1-557-841-11	CORD (WITH CONNECTOR)
913	*1-615-468-11	PC BOARD, CASSETTE INDICATOR
914	*1-615-477-11	PC BOARD, MIC JACK
915	*1-615-466-13	PC BOARD, LED
916	*1-615-464-11	PC BOARD, TUNING LED
917	*A-4351-424-A	(AEP,UK)...MOUNTED PCB, TUNER
	*A-4351-425-A	(G-AEP)....MOUNTED PCB, TUNER
918	*1-562-249-00	SOCKET, CONNECTOR 4P
919	*1-562-250-00	SOCKET, CONNECTOR 5P
920	*1-562-251-00	SOCKET, CONNECTOR 6P
921	*1-562-327-00	SOCKET, CONNECTOR 3P
922	*1-615-478-11	PC BOARD, SPECTRUM ANALYZER
923	*A-4375-207-A	(AEP,UK)...MOUNTED PCB, CONTROL
	*A-4375-208-A	(G-AEP)....MOUNTED PCB, CONTROL
924	*A-4393-026-A	MOUNTED PCB, DECK
925	1-535-416-00	(AEP,G-AEP)...TERMINAL
926	1-536-354-00	(G-AEP)...POST PIN
BPF001	1-231-720-00	(AEP,UK)...FILTER, BANDPASS
C001	1-102-942-00	(AEP,UK)...CERAMIC 5PF 50V
C001	1-101-005-00	(G-AEP)....CERAMIC 0.022MF 50V
C002	1-102-960-00	(AEP,UK)...CERAMIC 24PF 5% 50V
C003	1-102-935-00	(AEP,UK)...CERAMIC 2PF 50V
C004	1-102-959-00	(AEP,UK)...CERAMIC 22PF 5% 50V
C005	1-102-934-00	(AEP,UK)...CERAMIC 1PF 50V
C006	1-102-121-00	(AEP,UK)...CERAMIC 0.0022MF 10% 50V
C007	1-101-005-00	(AEP,UK)...CERAMIC 0.022MF 50V
C008	1-102-684-00	(AEP,UK)...CERAMIC 8PF 50V
C009	1-102-806-00	(AEP,UK)...CERAMIC 27PF 5% 50V
C010	1-102-684-00	(AEP,UK)...CERAMIC 8PF 50V
C012	1-102-935-00	(AEP,UK)...CERAMIC 2PF 50V

ELECTRICAL PARTS

Ref.No.	Part No.	Description
C013	1-101-005-00	(AEP,UK)...CERAMIC 0.022MF 50V
C015	1-123-379-00	(AEP,UK)...ELECT 0.47MF 20% 50V
C021	1-101-005-00	(AEP,UK)...CERAMIC 0.022MF 50V
C022	1-101-005-00	(AEP,UK)...CERAMIC 0.022MF 50V
C023	1-101-005-00	CERAMIC 0.022MF 50V
C024	1-101-005-00	(AEP,UK)...CERAMIC 0.022MF 50V
C051	1-102-942-00	CERAMIC 5PF 50V
C052	1-102-961-21	CERAMIC 27PF 5% 50V
C055	1-102-291-00	CERAMIC 15PF 5% 50V
C056	1-104-066-00	POLYSTYRENE 360PF 5% 50V
C057	1-102-852-00	CERAMIC 47PF 5% 50V
C058	1-103-701-00	POLYSTYRENE 100PF 5% 50V
C062	1-123-356-00	ELECT 10MF 20% 50V
C063	1-123-379-00	ELECT 0.47MF 20% 50V
C064	1-101-005-00	CERAMIC 0.022MF 50V
C065	1-102-947-00	CERAMIC 10PF 5% 50V
C066	1-101-005-00	CERAMIC 0.022MF 50V
C067	1-123-380-00	ELECT 1MF 20% 50V
C068	1-101-880-00	CERAMIC 47PF 5% 50V
C069	1-136-162-00	MYLAR 0.056MF 10% 50V
C070	1-101-005-00	CERAMIC 0.022MF 50V
C071	1-123-356-00	ELECT 10MF 20% 50V
C072	1-123-330-00	ELECT 22MF 20% 16V
C081	1-102-114-00	CERAMIC 470PF 10% 50V
C082	1-101-005-00	CERAMIC 0.022MF 50V
C091	1-102-110-00	CERAMIC 220PF 10% 50V
C093	1-101-005-00	(G-AEP)...CERAMIC 0.022MF 50V
C094	1-101-005-00	(G-AEP)...CERAMIC 0.022MF 50V
C095	1-123-330-00	(G-AEP)...ELECT 22MF 20% 16V
C096	1-101-005-00	(G-AEP)...CERAMIC 0.022MF 50V
C097	1-101-005-00	(G-AEP)...CERAMIC 0.022MF 50V
C098	1-123-380-00	(G-AEP)...ELECT 1MF 20% 50V
C101	1-101-005-00	CERAMIC 0.022MF 50V
C102	1-101-005-00	CERAMIC 0.022MF 50V
C103	1-101-005-00	CERAMIC 0.022MF 50V
C104	1-101-005-00	CERAMIC 0.022MF 50V
C105	1-102-114-00	(AEP,UK)...CERAMIC 470PF 10% 50V
C105	1-102-116-00	(G-AEP)....CERAMIC 680PF 10% 50V
C106	1-102-110-00	(AEP,UK)...CERAMIC 220PF 10% 50V
C106	1-102-114-00	(G-AEP)....CERAMIC 470PF 10% 50V
C110	1-102-672-00	(AEP,UK)...CERAMIC 24PF 5% 50V
C201	1-123-332-00	(G-AEP)....ELECT 47MF 20% 16V
C202	1-123-607-00	ELECT 0.1MF 20% 50V
C203	1-123-382-00	ELECT 3.3MF 20% 50V
C204	1-123-380-00	ELECT 1MF 20% 50V
C205	1-123-380-00	ELECT 1MF 20% 50V

Ref.No.	Part No.	Description			
C206	1-101-005-00	CERAMIC	0.022MF		50V
C207	1-123-380-00	ELECT	1MF	20%	50V
C208	1-123-380-00	ELECT	1MF	20%	50V
C209	1-123-356-00	ELECT	10MF	20%	50V
C210	1-162-292-31	CERAMIC	680PF	10%	50V
C211	1-162-292-31	CERAMIC	680PF	10%	50V
C212	1-123-356-00	ELECT	10MF	20%	50V
C213	1-123-379-00	ELECT	0.47MF	20%	50V
C214	1-123-379-00	ELECT	0.47MF	20%	50V
C215	1-102-127-21	CERAMIC	0.0068MF	10%	50V
C216	1-102-127-21	CERAMIC	0.0068MF	10%	50V
C217	1-102-127-21	CERAMIC	0.0068MF	10%	50V
C218	1-102-127-21	CERAMIC	0.0068MF	10%	50V
C219	1-102-127-21	CERAMIC	0.0068MF	10%	50V
C220	1-102-127-21	CERAMIC	0.0068MF	10%	50V
C232	1-123-379-00	ELECT	0.47MF	20%	50V
C233	1-101-005-00	CERAMIC	0.022MF		50V
C292	1-123-356-00	ELECT	10MF	20%	50V
C301	1-162-289-31	CERAMIC	390PF	10%	50V
C302	1-102-106-00	CERAMIC	100PF	10%	50V
C303	1-130-480-00	MYLAR	0.0056MF	5%	50V
C304	1-123-306-00	ELECT	47MF	20%	10V
C305	1-123-356-00	ELECT	10MF	20%	25V
C306	1-130-488-00	MYLAR	0.027MF	5%	50V
C307	1-130-488-00	MYLAR	0.027MF	5%	50V
C308	1-102-116-00	CERAMIC	680PF	10%	50V
C309	1-102-106-00	CERAMIC	100PF	10%	50V
C310	1-130-480-00	MYLAR	0.0056MF	5%	50V
C311	1-123-306-00	ELECT	47MF	20%	10V
C312	1-123-356-00	ELECT	10MF	20%	25V
C313	1-130-488-00	MYLAR	0.027MF	5%	50V
C314	1-162-292-31	CERAMIC	680PF	10%	50V
C315	1-102-116-00	CERAMIC	680PF	10%	50V
C316	1-123-609-00	ELECT	0.33MF	20%	50V
C317	1-130-495-00	MYLAR	0.1MF	5%	50V
C318	1-130-483-00	MYLAR	0.01MF	5%	50V
C319	1-136-160-00	MYLAR	0.039MF	5%	50V
C320	1-123-356-00	ELECT	10MF	20%	25V
C321	1-136-162-00	MYLAR	0.056MF	5%	50V
C322	1-130-481-00	MYLAR	0.0068MF	5%	50V
C323	1-130-485-00	MYLAR	0.015MF	5%	50V
C324	1-123-369-00	ELECT	4.7MF	20%	25V
C325	1-123-369-00	ELECT	4.7MF	20%	25V
C326	1-102-947-00	CERAMIC	10PF	5%	50V
C327	1-102-106-00	CERAMIC	100PF	10%	50V
C328	1-101-880-00	CERAMIC	47PF	5%	50V
C329	1-101-880-00	CERAMIC	47PF	5%	50V
C330	1-123-369-00	ELECT	4.7MF	20%	25V
C331	1-130-481-00	MYLAR	0.0068MF	5%	50V
C332	1-130-483-00	MYLAR	0.01MF	5%	50V
C333	1-130-472-00	MYLAR	0.0012MF	5%	50V
C334	1-130-485-00	MYLAR	0.015MF	5%	50V
C335	1-130-485-00	MYLAR	0.015MF	5%	50V
C336	1-130-477-00	MYLAR	0.0033MF	5%	50V
C337	1-130-481-00	MYLAR	0.0068MF	5%	50V
C338	1-130-472-00	MYLAR	0.0012MF	5%	50V
C339	1-130-487-00	MYLAR	0.022MF	5%	50V
C340	1-130-485-00	MYLAR	0.015MF	5%	50V
C341	1-123-356-00	ELECT	10MF	20%	25V
C342	1-123-356-00	ELECT	10MF	20%	25V
C343	1-102-947-00	CERAMIC	10PF	5%	50V
C345	1-102-971-00	CERAMIC	82PF	5%	50V
C346	1-101-361-00	CERAMIC	150PF	5%	50V
C347	1-123-332-00	ELECT	47MF	20%	25V
C348	1-123-332-00	ELECT	47MF	20%	25V
C349	1-123-356-00	ELECT	10MF	20%	25V
C350	1-123-369-00	ELECT	4.7MF	20%	25V
C351	1-123-380-00	ELECT	1MF	20%	50V
C352	1-123-356-00	ELECT	10MF	20%	25V
C356	1-123-356-00	ELECT	10MF	20%	25V
C357	1-123-356-00	ELECT	10MF	20%	25V
C358	1-123-356-00	ELECT	10MF	20%	25V
C359	1-123-356-00	ELECT	10MF	20%	25V
C360	1-129-713-00	FILM	0.0082MF	10%	630V
C361	1-106-178-00	MYLAR	0.0018MF	10%	100V
C362	1-106-178-00	MYLAR	0.0018MF	10%	100V
C363	1-130-479-00	MYLAR	0.0047MF	5%	50V
C364	1-130-479-00	MYLAR	0.0047MF	5%	50V
C365	1-130-485-00	MYLAR	0.015MF	5%	50V
C366	1-123-332-00	ELECT	47MF	20%	25V
C367	1-123-330-00	ELECT	22MF	20%	25V
C368	1-123-369-00	ELECT	4.7MF	20%	25V
C369	1-123-380-00	ELECT	1MF	20%	50V
C370	1-123-380-00	ELECT	1MF	20%	50V
C371	1-123-380-00	ELECT	1MF	20%	50V
C372	1-123-380-00	ELECT	1MF	20%	50V
C373	1-136-160-00	MYLAR	0.039MF	5%	50V
C374	1-130-495-00	MYLAR	0.1MF	5%	50V
C375	1-123-356-00	ELECT	10MF	20%	25V
C376	1-123-380-00	ELECT	1MF	20%	50V
C377	1-123-380-00	ELECT	1MF	20%	50V
C378	1-123-380-00	ELECT	1MF	20%	50V
C379	1-130-483-00	MYLAR	0.01MF	5%	50V
C381	1-123-356-00	ELECT	10MF	20%	25V
C382	1-123-356-00	ELECT	10MF	20%	25V
C383	1-123-356-00	ELECT	10MF	20%	25V
C384	1-123-356-00	ELECT	10MF	20%	25V
C385	1-123-356-00	ELECT	10MF	20%	25V
C386	1-162-292-31	CERAMIC	680PF	10%	50V
C387	1-162-292-31	CERAMIC	680PF	10%	50V
C389	1-123-356-00	ELECT	10MF	20%	25V
C401	1-162-289-31	CERAMIC	390PF	10%	50V
C402	1-102-106-00	CERAMIC	100PF	10%	50V
C403	1-130-480-00	MYLAR	0.0056MF	5%	50V
C404	1-123-306-00	ELECT	47MF	20%	10V
C405	1-123-356-00	ELECT	10MF	20%	25V
C406	1-130-488-00	MYLAR	0.027MF	5%	50V
C407	1-130-488-00	MYLAR	0.027MF	5%	50V
C408	1-102-116-00	CERAMIC	680PF	10%	50V
C409	1-102-106-00	CERAMIC	100PF	10%	50V

Ref.No.	Part No.	Description			
C410	1-130-480-00	MYLAR	0.0056MF	5%	50V
C411	1-123-306-00	ELECT	47MF	20%	10V
C412	1-123-356-00	ELECT	10MF	20%	25V
C413	1-130-488-00	MYLAR	0.027MF	5%	50V
C414	1-161-292-31	CERAMIC	680PF	10%	50V
C415	1-102-116-00	CERAMIC	680PF	10%	50V
C416	1-123-609-00	ELECT	0.33MF	20%	50V
C417	1-130-495-00	MYLAR	0.1MF	5%	50V
C418	1-130-483-00	MYLAR	0.01MF	5%	50V
C419	1-136-160-00	MYLAR	0.039MF	5%	50V
C420	1-123-356-00	ELECT	10MF	20%	25V
C421	1-136-162-00	MYLAR	0.056MF	5%	50V
C422	1-130-481-00	MYLAR	0.0068MF	5%	50V
C423	1-130-485-00	MYLAR	0.015MF	5%	50V
C424	1-123-369-00	ELECT	4.7MF	20%	25V
C425	1-123-369-00	ELECT	4.7MF	20%	25V
C426	1-102-947-00	CERAMIC	10PF	5%	50V
C427	1-102-106-00	CERAMIC	100PF	10%	50V
C428	1-101-880-00	CERAMIC	47PF	5%	50V
C429	1-101-880-00	CERAMIC	47PF	5%	50V
C430	1-123-369-00	ELECT	4.7MF	20%	25V
C431	1-130-481-00	MYLAR	0.0068MF	5%	50V
C432	1-130-483-00	MYLAR	0.01MF	5%	50V
C433	1-130-472-00	MYLAR	0.0012MF	5%	50V
C434	1-130-485-00	MYLAR	0.015MF	5%	50V
C435	1-130-485-00	MYLAR	0.015MF	5%	50V
C436	1-130-477-00	MYLAR	0.0033MF	5%	50V
C437	1-130-481-00	MYLAR	0.0068MF	5%	50V
C438	1-130-472-00	MYLAR	0.0012MF	5%	50V
C439	1-130-487-00	MYLAR	0.022MF	5%	50V
C440	1-130-485-00	MYLAR	0.015MF	5%	50V
C441	1-123-356-00	ELECT	10MF	20%	25V
C442	1-123-356-00	ELECT	10MF	20%	25V
C443	1-102-947-00	CERAMIC	10PF	5%	50V
C445	1-102-971-00	CERAMIC	82PF	5%	50V
C446	1-101-361-00	CERAMIC	150PF	5%	50V
C501	1-123-612-00	ELECT	2.2MF	20%	50V
C502	1-162-207-31	CERAMIC	22PF	5%	50V
C503	1-123-318-00	ELECT	33MF	20%	16V
C504	1-162-219-31	CERAMIC	68PF	5%	50V
C505	1-162-215-31	CERAMIC	47PF	5%	50V
C506	1-123-611-00	ELECT	1MF	20%	50V
C507	1-136-164-00	FILM	0.082MF	5%	50V
C508	1-123-608-00	ELECT	0.22MF	20%	50V
C509	1-130-486-00	MYLAR	0.018MF	5%	50V
C510	1-136-162-00	MYLAR	0.056MF	5%	50V
C511	1-130-479-00	MYLAR	0.0047MF	5%	50V
C512	1-130-485-00	MYLAR	0.015MF	5%	50V
C513	1-130-472-00	MYLAR	0.0012MF	5%	50V
C514	1-130-479-00	MYLAR	0.0047MF	5%	50V
C515	1-162-289-31	CERAMIC	390PF	10%	50V
C550	1-162-286-31	(G-AEP)....CERAMIC	220PF	10%	50V
C551	1-123-611-00	ELECT	1MF	20%	50V
C552	1-123-608-00	ELECT	0.22MF	20%	50V

Ref.No.	Part No.	Description			
C553	1-136-160-00	MYLAR	0.039MF	5%	50V
C554	1-130-491-00	MYLAR	0.047MF	5%	50V
C555	1-130-483-00	MYLAR	0.01MF	5%	50V
C556	1-130-484-00	MYLAR	0.012MF	5%	50V
C557	1-130-475-00	MYLAR	0.0022MF	5%	50V
C558	1-130-476-00	MYLAR	0.0027MF	5%	50V
C559	1-162-291-31	CERAMIC	560PF	10%	50V
C560	1-162-294-31	CERAMIC	0.001MF	10%	50V
C561	1-162-285-31	CERAMIC	180PF	10%	50V
C564	1-123-615-00	ELECT	4.7MF	20%	35V
C565	1-123-615-00	ELECT	4.7MF	20%	35V
C566	1-123-615-00	ELECT	4.7MF	20%	35V
C567	1-123-615-00	ELECT	4.7MF	20%	35V
C568	1-123-615-00	ELECT	4.7MF	20%	35V
C569	1-123-617-00	ELECT	10MF	20%	16V
C570	1-123-611-00	ELECT	1MF	20%	50V
C571	1-162-306-31	CERAMIC	0.01MF	20%	16V
C572	1-102-074-00	CERAMIC	0.001MF	10%	50V
C573	1-123-611-00	ELECT	1MF	20%	50V
C574	1-123-318-00	ELECT	33MF	20%	16V
C575	1-123-617-00	ELECT	10MF	20%	16V
C601	1-123-612-00	ELECT	2.2MF	20%	50V
C602	1-162-207-31	CERAMIC	22PF	5%	50V
C603	1-123-318-00	ELECT	33MF	20%	16V
C604	1-162-219-31	CERAMIC	68PF	5%	50V
C605	1-162-215-31	CERAMIC	47PF	5%	50V
C606	1-123-611-00	ELECT	1MF	20%	50V
C607	1-136-164-00	FILM	0.082MF	5%	50V
C608	1-123-608-00	ELECT	0.22MF	20%	50V
C609	1-130-486-00	MYLAR	0.018MF	5%	50V
C610	1-136-162-00	MYLAR	0.056MF	5%	50V
C611	1-130-479-00	MYLAR	0.0047MF	5%	50V
C612	1-130-485-00	MYLAR	0.015MF	5%	50V
C613	1-130-472-00	MYLAR	0.0012MF	5%	50V
C614	1-130-479-00	MYLAR	0.0047MF	5%	50V
C615	1-162-289-31	CERAMIC	390PF	10%	50V
C650	1-162-286-31	(G-AEP)...CERAMIC	220PF	10%	50V
C651	1-123-382-00	ELECT	3.3MF	20%	50V
C652	1-123-611-00	ELECT	1MF	20%	50V
C653	1-123-382-00	ELECT	3.3MF	20%	50V
C654	1-123-617-00	ELECT	10MF	20%	16V
C655	1-161-494-00	CERAMIC	0.022MF	30%	25V
C656	1-123-622-00	ELECT	22MF	20%	16V
C657	1-123-356-00	ELECT	10MF	20%	25V
C658	1-123-617-00	ELECT	10MF	20%	16V
C701	1-123-381-00	ELECT	2.2MF	20%	50V
C702	1-162-290-31	CERAMIC	470PF	10%	50V
C703	1-162-282-31	(AEP,UK)...CERAMIC	100PF	10%	50V
C704	1-123-369-00	ELECT	4.7MF	20%	50V
C705	1-130-489-00	MYLAR	0.033MF	5%	50V
C706	1-162-286-31	CERAMIC	220PF	10%	50V
C707	1-136-165-00	(G-AEP)....MYLAR	0.1MF	10%	50V
C749	1-162-294-31	(G-AEP)....CERAMIC	1000PF	10%	50V
C750	1-162-286-31	(G-AEP)....CERAMIC	220PF	10%	50V
C758	1-123-356-00	ELECT	10MF	20%	50V
C801	1-123-381-00	ELECT	2.2MF	20%	50V
C802	1-162-290-31	CERAMIC	470PF	10%	50V

Ref.No.	Part No.	Description			
C803	1-162-282-31	(AEP,UK)...CERAMIC	100PF	10%	50V
C804	1-123-369-00	ELECT	4.7MF	20%	50V
C805	1-130-489-00	MYLAR	0.033MF	5%	50V
C806	1-162-286-31	CERAMIC	220PF	10%	50V
C807	1-136-165-00	(G-AEP)...MYLAR	0.1MF	10%	50V
C849	1-162-294-31	(G-AEP)...CERAMIC	1000PF	10%	50V
C850	1-162-286-31	(G-AEP)...CERAMIC	220PF	10%	50V
C858	1-123-356-00	ELECT	10MF	20%	50V
C900	⚠1-161-744-00	CERAMIC	0.01MF		400V
C901	1-124-362-00	ELECT	4700MF	20%	42V
C902	1-124-362-00	ELECT	4700MF	20%	42V
C903	1-123-332-00	ELECT	47MF	20%	16V
C904	1-123-330-00	ELECT	22MF	20%	25V
C905	1-123-356-00	ELECT	10MF	20%	50V
C907	1-123-345-00	ELECT	100MF	20%	35V
C908	1-123-345-00	ELECT	100MF	20%	35V
C909	1-123-356-00	ELECT	10MF	20%	50V
C910	1-123-359-00	ELECT	47MF	20%	35V
C911	1-123-359-00	ELECT	47MF	20%	35V
C912	1-123-356-00	ELECT	10MF	20%	50V
C913	1-136-165-00	MYLAR	0.1MF	10%	50V
C914	1-162-294-31	CERAMIC	0.001MF	10%	50V
C915	1-162-294-31	CERAMIC	0.001MF	10%	50V
C916	1-162-294-31	CERAMIC	0.001MF	10%	50V
C917	1-136-165-00	(AEP,UK)...MYLAR	0.1MF	10%	50V
C951	1-101-006-00	CERAMIC	0.047MF		50V
C952	1-101-006-00	CERAMIC	0.047MF		50V
C953	1-101-006-00	CERAMIC	0.047MF		50V
C954	1-101-006-00	CERAMIC	0.047MF		50V
C957	1-101-005-00	(G-AEP)...CERAMIC	0.022MF		50V
C958	1-101-005-00	(G-AEP)...CERAMIC	0.022MF		50V
C959	1-101-005-00	(G-AEP)...CERAMIC	0.022MF		50V
C960	1-101-005-00	(G-AEP)...CERAMIC	0.022MF		50V
C961	1-101-005-00	(G-AEP)...CERAMIC	0.022MF		50V
C962	1-101-005-00	(G-AEP)...CERAMIC	0.022MF		50V
C963	1-101-005-00	(G-AEP)...CERAMIC	0.022MF		50V
C964	1-101-005-00	(G-AEP)...CERAMIC	0.022MF		50V
CF001	1-527-968-00	(G-AEP)....FILTER, CERAMIC			
CF051	1-527-937-00	FILTER, CERAMIC			
CF101	1-527-964-00	(AEP,UK)...FILTER, CERAMIC			
CF101	1-527-968-00	(G-AEP)....FILTER, CERAMIC			
CF102	1-527-964-00	(AEP,UK)...FILTER, CERAMIC			
CF102	1-527-968-00	(G-AEP)....FILTER, CERAMIC			
CF201	1-567-250-11	OSCILLATOR, CERAMIC			
CNJ091	1-561-919-00	(G-AEP)....SOCKET, CONNECTOR			
CNJ701	1-507-997-11	JACK, PIN 2P, CD/AUX			
CNJ704	1-562-479-11	SOCKET, CONNECTOR 10P			
CNP101*	1-560-602-00	(AEP,UK)...PIN, CONNECTOR 3P			
CNP102*	1-560-062-00	PIN, CONNECTOR 4P			
CNP151	1-564-111-00	(G-AEP)....PIN, CONNECTOR 2P			
CNP152	1-564-112-21	(G-AEP)....PIN, CONNECTOR 3P			
CNP154*	1-564-505-11	PLUG, CONNECTOR 2P			
CNP301*	1-564-511-11	PLUG, CONNECTOR 8P			
CNP302*	1-564-507-11	PLUG, CONNECTOR 4P			
CNP303*	1-564-507-11	PLUG, CONNECTOR 4P			

Ref.No.	Part No.	Description
CNP304*	1-564-515-11	PLUG, CONNECTOR 12P
CNP307*	1-564-505-11	PLUG, CONNECTOR 2P
CNP308*	1-564-509-11	PLUG, CONNECTOR 6P
CNP309*	1-564-506-11	PLUG, CONNECTOR 3P
CNP310*	1-564-505-11	PLUG, CONNECTOR 2P
CNP311*	1-560-603-00	PIN, CONNECTOR 4P
CNP501*	1-564-113-11	PIN, CONNECTOR 4P
CNP502*	1-564-118-00	PIN, CONNECTOR 9P
CNP503*	1-560-602-00	PIN, CONNECTOR 3P
CNP701*	1-560-066-00	PIN, CONNECTOR 10P
CNP702*	1-560-061-00	PIN, CONNECTOR 3P
CNP703*	1-560-060-00	PIN, CONNECTOR 2P
CP101	1-235-046-00	ENCAPSULATED COMPONENT (B.E.F)
CT001	1-151-440-00	(AEP,UK)...CAP, TUNING, POLYETHYLENE
CT002	1-141-263-11	(AEP,UK)...CAP, TRIMMER
CT051	1-141-179-12	CAP, TRIMMER
CT052	1-141-179-12	CAP, TRIMMER
CT054	1-141-179-12	CAP, TRIMMER
CT055	1-141-179-12	CAP, TRIMMER
CV001	1-151-440-00	(AEP,UK)...CAP, TUNING, POLYETHYLENE
CV002	1-151-440-00	(AEP,UK)...CAP, TUNING, POLYETHYLENE
CV051	1-151-440-00	(AEP,UK)...CAP, TUNING, POLYETHYLENE
CV051	1-151-491-11	(G-AEP)....CAP, VAR, POLYETHYLENE
CV052	1-151-440-00	(AEP,UK)...CAP, TUNING, POLYETHYLENE
CV052	1-151-491-11	(G-AEP)....CAP, VAR, POLYETHYLENE
D091	8-719-910-94	(G-AEP)...DIODE HZ9B1L
D092	8-719-000-12	(G-AEP)...DIODE MC931
D104	8-719-107-94	DIODE 1SS202-1
D201	8-719-301-38	DIODE SEL2210S-C
D202	8-719-107-94	DIODE 1SS202-1
D204	8-719-107-94	DIODE 1SS202-1
D205	8-719-107-94	DIODE 1SS202-1
D251	8-719-920-25	DIODE SLR-40DC3
D301	8-719-107-94	DIODE 1SS202-1
D302	8-719-107-94	DIODE 1SS202-1
D303	8-719-107-94	DIODE 1SS202-1
D304	8-719-107-94	DIODE 1SS202-1
D305	8-719-107-94	DIODE 1SS202-1
D306	8-719-107-94	DIODE 1SS202-1
D307	8-719-107-94	DIODE 1SS202-1
D308	8-719-107-94	DIODE 1SS202-1
D309	8-719-107-94	DIODE 1SS202-1
D310	8-719-107-94	DIODE 1SS202-1
D311	8-719-107-94	DIODE 1SS202-1
D312	8-719-107-94	DIODE 1SS202-1
D313	8-719-107-94	DIODE 1SS202-1
D314	8-719-107-94	DIODE 1SS202-1
D315	8-719-107-94	DIODE 1SS202-1
D316	8-719-107-94	DIODE 1SS202-1
D317	8-719-107-94	DIODE 1SS202-1
D318	8-719-107-94	DIODE 1SS202-1
D319	8-719-107-94	DIODE 1SS202-1
D320	8-719-107-94	DIODE 1SS202-1
D321	8-719-107-94	DIODE 1SS202-1
D323	8-719-107-94	DIODE 1SS202-1

The components identified by shading and mark ⚠ are critical for safety.
Replace only with part numer specified.

Les composants identifiés par une trame et une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

Ref.No.	Part No.	Description
D324	8-719-107-94	DIODE 1SS202-1
D325	8-719-107-94	DIODE 1SS202-1
D326	8-719-107-94	DIODE 1SS202-1
D327	8-719-107-94	DIODE 1SS202-1
D328	8-719-107-94	DIODE 1SS202-1
D329	8-719-107-94	DIODE 1SS202-1
D330	8-719-910-29	DIODE HZ12C3L
D331	8-719-910-29	DIODE HZ12C3L
D332	8-719-910-61	DIODE HZ6A1L
D333	8-719-107-94	DIODE 1SS202-1
D334	8-719-910-29	DIODE HZ12C3L
D351	8-719-301-62	DIODE SEL1213C-C
D352	8-719-301-62	DIODE SEL1213C-C
D353	8-719-301-62	DIODE SEL1213C-C
D354	8-719-301-62	DIODE SEL1213C-C
D355	8-719-910-29	DIODE HZ12C3L
D401	8-719-107-94	DIODE 1SS202-1
D402	8-719-107-94	DIODE 1SS202-1
D403	8-719-107-94	DIODE 1SS202-1
D501	8-719-301-55	DIODE SEL2813A-C
D502	8-719-301-55	DIODE SEL2813A-C
D503	8-719-301-55	DIODE SEL2813A-C
D504	8-719-301-55	DIODE SEL2813A-C
D505	8-719-301-52	DIODE SEL2810A-C
D506	8-719-301-52	DIODE SEL2810A-C
D507	8-719-301-52	DIODE SEL2810A-C
D508	8-719-301-52	DIODE SEL2810A-C
D509	8-719-301-52	DIODE SEL2810A-C
D510	8-719-301-52	DIODE SEL2810A-C
D511	8-719-301-52	DIODE SEL2810A-C
D512	8-719-301-52	DIODE SEL2810A-C
D513	8-719-301-52	DIODE SEL2810A-C
D514	8-719-301-52	DIODE SEL2810A-C
D515	8-719-301-52	DIODE SEL2810A-C
D516	8-719-301-52	DIODE SEL2810A-C
D517	8-719-301-52	DIODE SEL2810A-C
D518	8-719-301-52	DIODE SEL2810A-C
D519	8-719-301-52	DIODE SEL2810A-C
D520	8-719-301-52	DIODE SEL2810A-C
D521	8-719-301-52	DIODE SEL2810A-C
D522	8-719-301-52	DIODE SEL2810A-C
D523	8-719-301-52	DIODE SEL2810A-C
D524	8-719-301-52	DIODE SEL2810A-C
D525	8-719-301-52	DIODE SEL2810A-C
D526	8-719-301-52	DIODE SEL2810A-C
D527	8-719-301-52	DIODE SEL2810A-C
D528	8-719-301-52	DIODE SEL2810A-C
D529	8-719-301-52	DIODE SEL2810A-C
D530	8-719-107-94	DIODE 1SS202-1
D901	8-719-502-20	DIODE S2VB20
D902	8-719-910-19	(G-AEP)...DIODE HZ11C3L
D903	8-719-910-15	DIODE HZ11B2L
D904	8-719-910-22	DIODE HZ12B2L
D905	8-719-107-94	DIODE 1SS202-1

The components identified by shading and mark ⚠ are critical for safety.
Replace only with part numer specified.

Les composants identifiés par une trame et une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

Ref.No.	Part No.	Description
F901	⚠1-532-215-00	FUSE, TIME-LAG, T800mA
FE091	1-463-611-11	(G-AEP)...FRONT END, FM (FEE-4013A)
HE	1-543-261-11	HEAD, ERASE (886-01-24)
HP	1-543-260-11	HEAD, REC/PB (223-30-46)
HRP	1-543-260-11	HEAD, REC/PB (223-30-46)
IC101	8-759-801-37	IC LA1260C
IC201	8-759-801-80	IC LA3401
IC301	8-759-600-02	IC M5218L
IC302	8-759-600-02	IC M5218L
IC303	8-759-300-76	IC CX-174A-2
IC304	8-759-600-02	IC M5218L
IC305	8-759-905-47	IC BA338
IC351	8-759-240-01	IC TC4001BP
IC352	8-759-240-01	IC TC4001BP
IC353	8-759-240-01	IC TC4001BP
IC354	8-759-240-81	IC TC4081BP
IC355	8-759-240-81	IC TC4081BP
IC403	8-759-300-76	IC CX-174A-2
IC501	8-759-602-04	IC M5226P
IC502	8-759-800-33	IC LC7815H
IC503	8-759-600-02	IC M5218L
IC504	8-759-913-80	IC IR2E31
IC505	8-759-913-80	IC IR2E31
IC506	8-759-913-80	IC IR2E31
IC507	8-759-913-80	IC IR2E31
IC508	8-759-913-80	IC IR2E31
IC601	8-759-602-04	IC M5226P
IC701	8-749-941-21	IC STK4121II
IFT051	1-404-413-00	TRANSFORMER, IF
IFT101	1-404-534-11	TRANSFORMER, IF
J501	1-507-984-11	JACK (LARGE TYPE), MIC
J701	1-507-825-00	JACK, LARGE TYPE, HEADPHONES
L001	*1-420-884-00	(AEP,UK)...COIL, AIR CORE
L002	*1-420-840-00	(AEP,UK)...COIL
L003	1-459-412-00	(AEP,UK)...COIL (WITH CORE)
L051	1-402-037-00	COIL (ANT)
L052	1-402-038-00	COIL (ANT)
L054	1-406-065-00	COIL (OSC)
L055	1-405-921-00	COIL, OSCILLATOR
L057	1-408-555-00	MICRO INDUCTOR 2.2UH
L058	1-408-224-00	MICRO INDUCTOR 47MMH
L201	1-408-257-00	MICRO INDUCTOR 10MMH
L202	1-408-257-00	MICRO INDUCTOR 10MMH
L301	1-408-262-00	MICRO INDUCTOR 27MMH
L401	1-408-262-00	MICRO INDUCTOR 27MMH
L701	*1-420-872-00	COIL, AIR CORE
L801	*1-420-872-00	COIL, AIR CORE
L901	1-402-155-11	ANTENNA, FERRITE-ROD (LW/MW)
M1	1-541-298-11	MOTOR (BFB2L54)
M2	1-541-298-11	MOTOR (BFB2L54)
PM	1-454-400-11	PLUNGER
Q001	8-729-672-43	(AEP,UK)...TRANSISTOR 2SC2724
Q002	8-729-672-43	(AEP,UK)...TRANSISTOR 2SC2724
Q003	8-729-672-43	(AEP,UK)...TRANSISTOR 2SC2724

ST-700W

Ref.No.	Part No.	Description
Q004	8-729-672-43	(AEP,UK)...TRANSISTOR 2SC2724
Q081	8-769-200-30	TRANSISTOR 2SK107-3
Q091	8-729-245-83	(G-AEP)...TRANSISTOR 2SC2458
Q092	8-729-600-94	(G-AEP)...TRANSISTOR 2SK381-C
Q101	8-729-672-43	TRANSISTOR 2SC2724
Q291	8-729-245-83	TRANSISTOR 2SC2458
Q301	8-729-900-83	TRANSISTOR DTC124XS
Q302	8-729-900-83	TRANSISTOR DTC124XS
Q303	8-729-900-83	TRANSISTOR DTC124XS
Q304	8-729-900-83	TRANSISTOR DTC124XS
Q305	8-729-900-83	TRANSISTOR DTC124XS
Q306	8-729-245-83	TRANSISTOR 2SC2458
Q307	8-729-245-83	TRANSISTOR 2SC2458
Q308	8-729-245-83	TRANSISTOR 2SC2458
Q309	8-729-245-83	TRANSISTOR 2SC2458
Q310	8-729-245-83	TRANSISTOR 2SC2458
Q311	8-729-245-83	TRANSISTOR 2SC2458
Q312	8-729-900-83	TRANSISTOR DTC124XS
Q313	8-729-900-83	TRANSISTOR DTC124XS
Q314	8-729-900-83	TRANSISTOR DTC124XS
Q315	8-729-900-83	TRANSISTOR DTC124XS
Q316	8-729-900-83	TRANSISTOR DTC124XS
Q317	8-729-900-83	TRANSISTOR DTC124XS
Q318	8-729-900-83	TRANSISTOR DTC124XS
Q319	8-729-900-83	TRANSISTOR DTC124XS
Q320	8-729-900-85	TRANSISTOR DTC144WS
Q321	8-729-900-83	TRANSISTOR DTC124XS
Q322	8-729-900-83	TRANSISTOR DTC124XS
Q323	8-729-900-83	TRANSISTOR DTC124XS
Q348	8-729-245-83	TRANSISTOR 2SC2458
Q349	8-729-245-83	TRANSISTOR 2SC2458
Q351	8-729-245-83	TRANSISTOR 2SC2458
Q352	8-729-245-83	TRANSISTOR 2SC2458
Q353	8-729-245-83	TRANSISTOR 2SC2458
Q354	8-729-245-83	TRANSISTOR 2SC2458
Q355	8-729-245-83	TRANSISTOR 2SC2458
Q356	8-729-245-83	TRANSISTOR 2SC2458
Q357	8-729-245-83	TRANSISTOR 2SC2458
Q358	8-729-245-83	TRANSISTOR 2SC2458
Q361	8-729-100-13	TRANSISTOR 2SC2001
Q362	8-729-658-32	TRANSISTOR 2SC1583
Q371	8-729-117-54	TRANSISTOR 2SA1175
Q372	8-729-117-54	TRANSISTOR 2SA1175
Q391	8-729-177-43	TRANSISTOR 2SD774
Q392	8-729-100-13	TRANSISTOR 2SC2001
Q393	8-729-177-43	TRANSISTOR 2SD774
Q394	8-729-177-43	TRANSISTOR 2SD774
Q401	8-729-900-83	TRANSISTOR DTC124XS
Q402	8-729-900-83	TRANSISTOR DTC124XS
Q403	8-729-900-83	TRANSISTOR DTC124XS
Q404	8-729-900-83	TRANSISTOR DTC124XS
Q405	8-729-900-83	TRANSISTOR DTC124XS
Q406	8-729-900-83	TRANSISTOR DTC124XS
Q407	8-729-900-83	TRANSISTOR DTC124XS

Ref.No.	Part No.	Description
Q408	8-729-900-83	TRANSISTOR DTC124XS
Q409	8-729-900-83	TRANSISTOR DTC124XS
Q410	8-729-900-83	TRANSISTOR DTC124XS
Q411	8-729-900-83	TRANSISTOR DTC124XS
Q412	8-729-900-83	TRANSISTOR DTC124XS
Q413	8-729-900-83	TRANSISTOR DTC124XS
Q414	8-729-900-83	TRANSISTOR DTC124XS
Q415	8-729-900-83	TRANSISTOR DTC124XS
Q458	8-729-245-83	TRANSISTOR 2SC2458
Q461	8-729-100-13	TRANSISTOR 2SC2001
Q501	8-729-245-83	TRANSISTOR 2SC2458
Q502	8-729-245-83	TRANSISTOR 2SC2458
Q503	8-729-245-83	TRANSISTOR 2SC2458
Q601	8-729-245-83	TRANSISTOR 2SC2458
Q602	8-729-117-54	TRANSISTOR 2SA1175
Q901	8-729-201-78	TRANSISTOR 2SD1406
Q902	8-729-201-78	TRANSISTOR 2SD1406
Q903	8-729-201-78	TRANSISTOR 2SD1406
Q904	8-729-245-83	TRANSISTOR 2SC2458
Q905	8-729-117-54	TRANSISTOR 2SA1175
Q906	8-729-245-83	TRANSISTOR 2SC2458
R001	1-247-893-00	(AEP,UK)...CARBON 390K 5% 1/6W
R001	1-247-819-00	(G-AEP)....CARBON 330 5% 1/6W
R002	1-247-843-00	(AEP,UK)...CARBON 3.3K 5% 1/6W
R003	1-247-799-00	(AEP,UK)...CARBON 47 5% 1/6W
R004	1-247-897-00	(AEP,UK)...CARBON 560K 5% 1/6W
R005	1-247-819-00	(AEP,UK)...CARBON 330 5% 1/6W
R006	1-247-831-00	(AEP,UK)...CARBON 1K 5% 1/6W
R007	1-247-883-00	(AEP,UK)...CARBON 150K 5% 1/6W
R008	1-247-835-00	(AEP,UK)...CARBON 1.5K 5% 1/6W
R009	1-247-841-00	(AEP,UK)...CARBON 2.7K 5% 1/6W
R010	1-247-895-00	(AEP,UK)...CARBON 470K 5% 1/6W
R011	1-247-879-00	(AEP,UK)...CARBON 100K 5% 1/6W
R051	1-247-851-00	CARBON 6.8K 5% 1/6W
R081	1-247-827-00	CARBON 680 5% 1/6W
R094	1-247-831-00	(G-AEP)....CARBON 1K 5% 1/6W
R095	1-247-821-00	(G-AEP)....CARBON 390 5% 1/6W
R101	1-247-887-00	CARBON 220K 5% 1/6W
R102	1-247-819-00	CARBON 330 5% 1/6W
R103	1-247-851-00	CARBON 6.8K 5% 1/6W
R105	1-247-855-00	CARBON 10K 5% 1/6W
R106	1-247-875-00	CARBON 68K 5% 1/6W
R112	1-247-825-00	CARBON 560 5% 1/6W
R119	1-247-847-00	CARBON 4.7K 5% 1/6W
R121	1-247-795-00	(G-AEP)...CARBON 33 5% 1/6W
R202	1-247-855-00	CARBON 10K 5% 1/6W
R203	1-247-863-00	CARBON 22K 5% 1/6W
R204	1-247-855-00	CARBON 10K 5% 1/6W
R206	1-247-831-00	CARBON 1K 5% 1/6W
R208	1-247-871-00	CARBON 47K 5% 1/6W
R209	1-247-875-00	CARBON 68K 5% 1/6W
R210	1-247-875-00	CARBON 68K 5% 1/6W
R211	1-247-867-00	CARBON 33K 5% 1/6W
R212	1-247-847-00	CARBON 4.7K 5% 1/6W
R213	1-247-835-00	CARBON 1.5K 5% 1/6W
R214	1-247-835-00	CARBON 1.5K 5% 1/6W

Ref.No.	Part No.	Description			
R215	1-247-851-00	CARBON	6.8K	5%	1/6W
R216	1-247-851-00	CARBON	6.8K	5%	1/6W
R221	1-247-825-00	CARBON	560	5%	1/6W
R222	1-247-807-00	CARBON	100	5%	1/6W
R291	1-247-835-00	CARBON	1.5K	5%	1/6W
R292	1-247-845-00	CARBON	3.9K	5%	1/6W
R300	1-247-863-00	CARBON	22K	5%	1/6W
R301	1-247-897-00	CARBON	560K	5%	1/6W
R302	1-247-863-00	CARBON	22K	5%	1/6W
R303	1-247-897-00	CARBON	560K	5%	1/6W
R304	1-249-421-11	CARBON	2.2K	5%	1/6W
R305	1-249-421-11	CARBON	2.2K	5%	1/6W
R306	1-247-888-00	CARBON	240K	5%	1/6W
R307	1-249-421-11	CARBON	2.2K	5%	1/6W
R308	1-247-888-00	CARBON	240K	5%	1/6W
R309	1-247-855-00	CARBON	10K	5%	1/6W
R310	1-247-855-00	CARBON	10K	5%	1/6W
R311	1-247-897-00	CARBON	560K	5%	1/6W
R312	1-247-863-00	CARBON	22K	5%	1/6W
R313	1-247-897-00	CARBON	560K	5%	1/6W
R314	1-249-421-11	CARBON	2.2K	5%	1/6W
R315	1-249-421-11	CARBON	2.2K	5%	1/6W
R316	1-247-859-00	CARBON	15K	5%	1/6W
R317	1-247-855-00	CARBON	10K	5%	1/6W
R318	1-247-855-00	CARBON	10K	5%	1/6W
R319	1-247-847-00	CARBON	4.7K	5%	1/6W
R320	1-247-859-00	CARBON	15K	5%	1/6W
R321	1-247-833-00	CARBON	1.2K	5%	1/6W
R322	1-247-888-00	CARBON	240K	5%	1/6W
R323	1-247-888-00	CARBON	240K	5%	1/6W
R324	1-247-859-00	CARBON	15K	5%	1/6W
R325	1-247-807-00	CARBON	100	5%	1/6W
R326	1-247-850-00	CARBON	6.2K	5%	1/6W
R327	1-247-833-00	CARBON	1.2K	5%	1/6W
R328	1-247-825-00	CARBON	560	5%	1/6W
R329	1-247-897-00	CARBON	560K	5%	1/6W
R330	1-247-879-00	CARBON	100K	5%	1/6W
R331	1-247-871-00	CARBON	47K	5%	1/6W
R332	1-247-871-00	CARBON	47K	5%	1/6W
R333	1-247-849-00	CARBON	5.6K	5%	1/6W
R334	1-247-871-00	CARBON	47K	5%	1/6W
R335	1-247-879-00	CARBON	100K	5%	1/6W
R336	1-247-879-00	CARBON	100K	5%	1/6W
R337	1-249-421-11	CARBON	2.2K	5%	1/6W
R338	1-247-855-00	CARBON	10K	5%	1/6W
R339	1-247-867-00	CARBON	33K	5%	1/6W
R340	1-247-807-00	CARBON	100	5%	1/6W
R341	1-247-855-00	CARBON	10K	5%	1/6W
R343	1-247-855-00	CARBON	10K	5%	1/6W
R344	1-247-850-00	CARBON	6.2K	5%	1/6W
R345	1-247-849-00	CARBON	5.6K	5%	1/6W
R346	1-247-835-00	CARBON	1.5K	5%	1/6W
R347	1-247-859-00	CARBON	15K	5%	1/6W
R348	1-247-807-00	CARBON	100	5%	1/6W
R349	1-247-855-00	CARBON	10K	5%	1/6W
R351	1-247-855-00	CARBON	10K	5%	1/6W
R352	1-247-850-00	CARBON	6.2K	5%	1/6W
R353	1-247-849-00	CARBON	5.6K	5%	1/6W
R354	1-247-825-00	CARBON	560	5%	1/6W
R355	1-247-859-00	CARBON	15K	5%	1/6W
R356	1-247-863-00	CARBON	22K	5%	1/6W
R357	1-247-871-00	CARBON	47K	5%	1/6W
R358	1-247-825-00	CARBON	560	5%	1/6W
R359	1-247-847-00	CARBON	4.7K	5%	1/6W
R360	1-247-873-00	CARBON	56K	5%	1/6W
R361	1-247-873-00	CARBON	56K	5%	1/6W
R362	1-247-847-00	CARBON	4.7K	5%	1/6W
R363	1-247-853-00	CARBON	8.2K	5%	1/6W
R364	1-247-863-00	CARBON	22K	5%	1/6W
R365	1-247-863-00	CARBON	22K	5%	1/6W
R366	1-247-891-00	CARBON	330K	5%	1/6W
R367	1-247-855-00	CARBON	10K	5%	1/6W
R368	1-247-879-00	CARBON	100K	5%	1/6W
R369	1-247-855-00	CARBON	10K	5%	1/6W
R370	1-247-879-00	CARBON	100K	5%	1/6W
R371	1-247-825-00	CARBON	560	5%	1/6W
R372	1-247-825-00	CARBON	560	5%	1/6W
R373	1-247-863-00	CARBON	22K	5%	1/6W
R374	1-247-863-00	CARBON	22K	5%	1/6W
R375	1-247-863-00	CARBON	22K	5%	1/6W
R376	1-247-863-00	CARBON	22K	5%	1/6W
R377	1-247-863-00	CARBON	22K	5%	1/6W
R378	1-247-863-00	CARBON	22K	5%	1/6W
R379	1-247-855-00	CARBON	10K	5%	1/6W
R380	1-247-903-00	CARBON	1M	5%	1/6W
R381	1-247-903-00	CARBON	1M	5%	1/6W
R382	1-247-903-00	CARBON	1M	5%	1/6W
R383	1-247-871-00	CARBON	47K	5%	1/6W
R384	1-247-879-00	CARBON	100K	5%	1/6W
R385	1-247-847-00	CARBON	4.7K	5%	1/6W
R386	1-247-847-00	CARBON	4.7K	5%	1/6W
R387	1-247-879-00	CARBON	100K	5%	1/6W
R388	1-247-879-00	CARBON	100K	5%	1/6W
R389	1-247-873-00	CARBON	56K	5%	1/6W
R390	1-247-873-00	CARBON	56K	5%	1/6W
R391	1-247-863-00	CARBON	22K	5%	1/6W
R392	1-247-843-00	CARBON	3.3K	5%	1/6W
R393	1-247-837-00	CARBON	1.8K	5%	1/6W
R394	1-247-843-00	CARBON	3.3K	5%	1/6W
R395	1-247-863-00	CARBON	22K	5%	1/6W
R396	1-247-833-00	CARBON	1.2K	5%	1/6W
R397	1-247-871-00	CARBON	47K	5%	1/6W
R398	1-247-855-00	CARBON	10K	5%	1/6W
R399	1-247-863-00	CARBON	22K	5%	1/6W
R400	1-247-863-00	CARBON	22K	5%	1/6W
R401	1-247-897-00	CARBON	560K	5%	1/6W
R402	1-247-863-00	CARBON	22K	5%	1/6W
R403	1-247-897-00	CARBON	560K	5%	1/6W
R404	1-249-421-11	CARBON	2.2K	5%	1/6W

Ref.No.	Part No.	Description			
R405	1-249-421-11	CARBON	2.2K	5%	1/6W
R406	1-247-888-00	CARBON	240K	5%	1/6W
R407	1-249-421-11	CARBON	2.2K	5%	1/6W
R408	1-247-888-00	CARBON	240K	5%	1/6W
R409	1-247-855-00	CARBON	10K	5%	1/6W
R410	1-247-855-00	CARBON	10K	5%	1/6W
R411	1-247-897-00	CARBON	560K	5%	1/6W
R412	1-247-863-00	CARBON	22K	5%	1/6W
R413	1-247-897-00	CARBON	560K	5%	1/6W
R414	1-249-421-11	CARBON	2.2K	5%	1/6W
R415	1-249-421-11	CARBON	2.2K	5%	1/6W
R416	1-247-859-00	CARBON	15K	5%	1/6W
R417	1-247-855-00	CARBON	10K	5%	1/6W
R418	1-247-855-00	CARBON	10K	5%	1/6W
R419	1-247-847-00	CARBON	4.7K	5%	1/6W
R420	1-247-859-00	CARBON	15K	5%	1/6W
R421	1-247-833-00	CARBON	1.2K	5%	1/6W
R422	1-247-888-00	CARBON	240K	5%	1/6W
R423	1-247-888-00	CARBON	240K	5%	1/6W
R424	1-247-859-00	CARBON	15K	5%	1/6W
R425	1-247-807-00	CARBON	100	5%	1/6W
R426	1-247-850-00	CARBON	6.2K	5%	1/6W
R427	1-247-833-00	CARBON	1.2K	5%	1/6W
R428	1-247-825-00	CARBON	560	5%	1/6W
R429	1-247-897-00	CARBON	560K	5%	1/6W
R430	1-247-879-00	CARBON	100K	5%	1/6W
R431	1-247-871-00	CARBON	47K	5%	1/6W
R432	1-247-871-00	CARBON	47K	5%	1/6W
R433	1-247-849-00	CARBON	5.6K	5%	1/6W
R434	1-247-871-00	CARBON	47K	5%	1/6W
R435	1-247-879-00	CARBON	100K	5%	1/6W
R436	1-247-879-00	CARBON	100K	5%	1/6W
R437	1-249-421-11	CARBON	2.2K	5%	1/6W
R438	1-247-855-00	CARBON	10K	5%	1/6W
R439	1-247-867-00	CARBON	33K	5%	1/6W
R441	1-247-855-00	CARBON	10K	5%	1/6W
R443	1-247-855-00	CARBON	10K	5%	1/6W
R444	1-247-850-00	CARBON	6.2K	5%	1/6W
R445	1-247-849-00	CARBON	5.6K	5%	1/6W
R446	1-247-835-00	CARBON	1.5K	5%	1/6W
R447	1-247-859-00	CARBON	15K	5%	1/6W
R448	1-247-807-00	CARBON	100	5%	1/6W
R449	1-247-855-00	CARBON	10K	5%	1/6W
R451	1-247-855-00	CARBON	10K	5%	1/6W
R452	1-247-850-00	CARBON	6.2K	5%	1/6W
R453	1-247-849-00	CARBON	5.6K	5%	1/6W
R454	1-247-825-00	CARBON	560	5%	1/6W
R455	1-247-859-00	CARBON	15K	5%	1/6W
R456	1-247-863-00	CARBON	22K	5%	1/6W
R457	1-247-871-00	CARBON	47K	5%	1/6W
R458	1-247-825-00	CARBON	560	5%	1/6W

Ref.No.	Part No.	Description			
R459	1-247-847-00	CARBON	4.7K	5%	1/6W
R460	1-247-873-00	CARBON	56K	5%	1/6W
R461	1-247-873-00	CARBON	56K	5%	1/6W
R463	1-247-853-00	CARBON	8.2K	5%	1/6W
R464	1-247-863-00	CARBON	22K	5%	1/6W
R465	1-247-863-00	CARBON	22K	5%	1/6W
R466	1-247-891-00	CARBON	330K	5%	1/6W
R467	1-247-855-00	CARBON	10K	5%	1/6W
R468	1-247-879-00	CARBON	100K	5%	1/6W
R469	1-247-855-00	CARBON	10K	5%	1/6W
R470	1-247-879-00	CARBON	100K	5%	1/6W
R471	1-247-903-00	CARBON	1M	5%	1/6W
R472	1-247-903-00	CARBON	1M	5%	1/6W
R473	1-247-847-00	CARBON	4.7K	5%	1/6W
R474	1-247-871-00	CARBON	47K	5%	1/6W
R475	1-247-871-00	CARBON	47K	5%	1/6W
R476	1-247-871-00	CARBON	47K	5%	1/6W
R478	1-247-847-00	CARBON	4.7K	5%	1/6W
R479	1-249-421-11	CARBON	2.2K	5%	1/6W
R480	1-249-421-11	CARBON	2.2K	5%	1/6W
R481	1-249-421-11	CARBON	2.2K	5%	1/6W
R482	1-247-871-00	CARBON	47K	5%	1/6W
R483	1-249-421-11	CARBON	2.2K	5%	1/6W
R484	1-247-879-00	CARBON	100K	5%	1/6W
R485	1-247-879-00	CARBON	100K	5%	1/6W
R486	1-247-879-00	CARBON	100K	5%	1/6W
R487	1-247-879-00	CARBON	100K	5%	1/6W
R488	1-247-879-00	CARBON	100K	5%	1/6W
R489	1-249-421-11	CARBON	2.2K	5%	1/6W
R491	1-247-879-00	CARBON	100K	5%	1/6W
R492	1-247-879-00	CARBON	100K	5%	1/6W
R493	1-249-421-11	CARBON	2.2K	5%	1/6W
R494	1-247-855-00	CARBON	10K	5%	1/6W
R495	1-247-879-00	CARBON	100K	5%	1/6W
R496	1-247-879-00	CARBON	100K	5%	1/6W
R497	1-247-879-00	CARBON	100K	5%	1/6W
R498	1-247-879-00	CARBON	100K	5%	1/6W
R499	1-247-879-00	CARBON	100K	5%	1/6W
R501	1-247-843-00	CARBON	3.3K	5%	1/6W
R502	1-247-869-00	CARBON	39K	5%	1/6W
R503	1-247-869-00	CARBON	39K	5%	1/6W
R504	1-247-869-00	CARBON	39K	5%	1/6W
R505	1-247-867-00	CARBON	33K	5%	1/6W
R506	1-247-879-00	CARBON	100K	5%	1/6W
R507	1-247-847-00	CARBON	4.7K	5%	1/6W
R508	1-249-421-11	CARBON	2.2K	5%	1/6W
R510	1-247-873-00	CARBON	56K	5%	1/6W
R511	1-247-857-00	CARBON	12K	5%	1/6W
R512	1-247-877-00	CARBON	82K	5%	1/6W
R551	1-249-421-11	CARBON	2.2K	5%	1/6W
R552	1-247-865-00	CARBON	27K	5%	1/6W
R553	1-247-847-00	CARBON	4.7K	5%	1/6W
R554	1-247-855-00	CARBON	10K	5%	1/6W
R555	1-247-855-00	CARBON	10K	5%	1/6W
R556	1-247-855-00	CARBON	10K	5%	1/6W
R557	1-247-855-00	CARBON	10K	5%	1/6W

Ref.No.	Part No.	Description				
R558	1-247-855-00	CARBON	10K	5%	1/6W	
R559	1-247-879-00	CARBON	100K	5%	1/6W	
R560	1-247-879-00	CARBON	100K	5%	1/6W	
R561	1-247-879-00	CARBON	100K	5%	1/6W	
R562	1-247-879-00	CARBON	100K	5%	1/6W	
R563	1-247-879-00	CARBON	100K	5%	1/6W	
R564	1-247-855-00	CARBON	10K	5%	1/6W	
R565	1-247-861-00	CARBON	18K	5%	1/6W	
R567	1-247-877-00	CARBON	82K	5%	1/6W	
R568	1-247-847-00	CARBON	4.7K	5%	1/6W	
R569	1-247-831-00	CARBON	1K	5%	1/6W	
R570	1-247-855-00	CARBON	10K	5%	1/6W	
R571	1-247-107-00	CARBON	100	5%	1/4W	
R572	1-247-107-00	CARBON	100	5%	1/4W	
R573	1-247-107-00	CARBON	100	5%	1/4W	
R574	1-247-107-00	CARBON	100	5%	1/4W	
R575	1-247-107-00	CARBON	100	5%	1/4W	
R576	1-247-807-00	CARBON	100	5%	1/6W	
R601	1-247-843-00	CARBON	3.3K	5%	1/6W	
R602	1-247-869-00	CARBON	39K	5%	1/6W	
R603	1-247-869-00	CARBON	39K	5%	1/6W	
R604	1-247-869-00	CARBON	39K	5%	1/6W	
R605	1-247-867-00	CARBON	33K	5%	1/6W	
R606	1-247-879-00	CARBON	100K	5%	1/6W	
R607	1-247-847-00	CARBON	4.7K	5%	1/6W	
R608	1-249-421-11	CARBON	2.2K	5%	1/6W	
R610	1-247-873-00	CARBON	56K	5%	1/6W	
R611	1-247-857-00	CARBON	12K	5%	1/6W	
R612	1-247-877-00	CARBON	82K	5%	1/6W	
R650	1-247-871-00	CARBON	47K	5%	1/6W	
R651	1-247-831-00	CARBON	1K	5%	1/6W	
R652	1-247-831-00	CARBON	1K	5%	1/6W	
R653	1-247-831-00	CARBON	1K	5%	1/6W	
R654	1-247-807-00	CARBON	100	5%	1/6W	
R655	1-247-871-00	CARBON	47K	5%	1/6W	
R656	1-247-887-00	CARBON	220K	5%	1/6W	
R657	1-247-831-00	CARBON	1K	5%	1/6W	
R658	1-247-879-00	CARBON	100K	5%	1/6W	
R659	1-247-887-00	CARBON	220K	5%	1/6W	
R660	1-247-127-00	CARBON	680	5%	1/4W	
R661	1-247-127-00	CARBON	680	5%	1/4W	
R662	1-247-865-00	CARBON	27K	5%	1/6W	
R663	1-247-847-00	CARBON	4.7K	5%	1/6W	
R664	1-247-847-00	CARBON	4.7K	5%	1/6W	
R665	1-247-855-00	CARBON	10K	5%	1/6W	
R666	1-247-831-00	CARBON	1K	5%	1/6W	
R667	1-247-879-00	CARBON	100K	5%	1/6W	
R668	1-247-871-00	CARBON	47K	5%	1/6W	
R669	1-247-843-00	CARBON	3.3K	5%	1/6W	
R701	1-247-831-00	CARBON	1K	5%	1/6W	
R702	1-247-873-00	CARBON	56K	5%	1/6W	
R703	1-247-831-00	CARBON	1K	5%	1/6W	
R704	1-247-873-00	CARBON	56K	5%	1/6W	
R705	1-247-192-00	CARBON	10	5%	1/2W	F

The components identified by shading and mark ⚠ are critical for safety.
Replace only with part numer specified.

Les composants identifiés par une trame et une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

Ref.No.	Part No.	Description				
R706	1-247-184-00	CARBON	2.2	5%	1/2W	F
R708	1-247-831-00	CARBON	1K	5%	1/6W	
R709	1-247-188-00	(G-AEP)...CARBON	4.7	5%	1/2W	F
R750	1-247-228-00	CARBON	330	5%	1/2W	F
R801	1-247-831-00	CARBON	1K	5%	1/6W	
R802	1-247-873-00	CARBON	56K	5%	1/6W	
R803	1-247-831-00	CARBON	1K	5%	1/6W	
R804	1-247-873-00	CARBON	56K	5%	1/6W	
R805	1-247-192-00	CARBON	10	5%	1/2W	F
R806	1-247-184-00	CARBON	2.2	5%	1/2W	F
R808	1-247-831-00	CARBON	1K	5%	1/6W	
R809	1-247-188-00	(G-AEP)...CARBON	4.7	5%	1/2W	F
R850	1-247-228-00	CARBON	330	5%	1/2W	F
R901 ⚠	1-217-469-00	FUSIBLE	1	5%	1W	F
R902 ⚠	1-217-473-00	FUSIBLE	2.2	5%	1W	F
R903	1-247-851-00	(G-AEP)...CARBON	6.8K	5%	1/6W	
R904	1-247-851-00	CARBON	6.8K	5%	1/6W	
R905	1-247-851-00	CARBON	6.8K	5%	1/6W	
R906	1-247-817-00	(AEP,UK)...CARBON	270	5%	1/6W	
R906	1-247-855-00	(G-AEP)....CARBON	10K	5%	1/6W	
R907	1-247-855-00	CARBON	10K	5%	1/6W	
R908	1-247-855-00	CARBON	10K	5%	1/6W	
R909	1-247-107-00	CARBON	100	5%	1/4W	F
R910	1-247-240-00	CARBON	1K	5%	1/2W	
R911	1-247-240-00	CARBON	1K	5%	1/2W	
R912	1-247-248-00	CARBON	2.2K	5%	1/2W	
R913	1-247-248-00	CARBON	2.2K	5%	1/2W	
R914	1-247-248-00	CARBON	2.2K	5%	1/2W	
R915	1-247-248-00	CARBON	2.2K	5%	1/2W	
R916	1-247-107-00	CARBON	100	5%	1/4W	F
R917	1-247-855-00	CARBON	10K	5%	1/6W	
R918	1-247-885-00	CARBON	180K	5%	1/6W	
R919	1-247-873-00	CARBON	56K	5%	1/6W	
R920	1-247-887-00	CARBON	220K	5%	1/6W	
R950	1-247-855-00	CARBON	10K	5%	1/6W	
R951	1-247-855-00	CARBON	10K	5%	1/6W	
R952	1-249-421-11	CARBON	2.2K	5%	1/6W	
R953	1-249-421-11	CARBON	2.2K	5%	1/6W	
R954	1-247-859-00	CARBON	15K	5%	1/6W	
R955	1-247-847-00	CARBON	4.7K	5%	1/6W	
R956	1-247-879-00	CARBON	100K	5%	1/6W	
R957	1-247-871-00	CARBON	47K	5%	1/6W	
R958	1-247-847-00	CARBON	4.7K	5%	1/6W	
R959	1-247-859-00	CARBON	15K	5%	1/6W	
R960	1-247-871-00	CARBON	47K	5%	1/6W	
R961	1-247-871-00	CARBON	47K	5%	1/6W	
R962	1-247-855-00	CARBON	10K	5%	1/6W	
R963	1-247-879-00	CARBON	100K	5%	1/6W	
R964	1-247-879-00	CARBON	100K	5%	1/6W	
R965	1-249-421-11	CARBON	2.2K	5%	1/6W	
R966	1-247-879-00	CARBON	100K	5%	1/6W	
R967	1-247-127-00	CARBON	680	5%	1/4W	
R968	1-247-127-00	CARBON	680	5%	1/4W	
R969	1-247-863-00	CARBON	22K	5%	1/6W	
R970	1-247-871-00	CARBON	47K	5%	1/6W	
R971	1-247-897-00	CARBON	560K	5%	1/6W	

Ref.No.	Part No.	Description
R972	1-247-783-00	CARBON 10 5% 1/6W
R974	1-247-833-00	CARBON 1.2K 5% 1/6W
R975	1-247-833-00	CARBON 1.2K 5% 1/6W
R977	1-247-871-00	CARBON 47K 5% 1/6W
R978	1-247-879-00	CARBON 100K 5% 1/6W
R979	1-247-879-00	CARBON 100K 5% 1/6W
R980 ⚠	1-217-393-00	FUSIBLE 33 5% 1/4W F
RV091	1-230-504-11	(G-AEP)....RES, ADJ, CARBON 220
RV092	1-230-504-11	(G-AEP)....RES, ADJ, CARBON 220
RV093	1-151-491-11	(G-AEP)....CAP, VAR, POLYETHYLENE
RV301	1-226-232-00	RES, ADJ, CARBON 500, DECK A PB LEVEL(L)
RV302	1-226-232-00	RES, ADJ, CARBON 500, DECK B PB LEVEL(L)
RV303	1-226-238-00	RES, ADJ, CARBON 50K, REC LEVEL (L)
RV304	1-226-239-00	RES, ADJ, CARBON 100K, REC BIAS (L)
RV305	1-226-236-00	RES, ADJ, CARBON 10K, DECK A TAPE SPEED
RV306	1-226-236-00	RES, ADJ, CARBON 10K, DECK A TAPE SPEED
RV307	1-226-236-00	RES, ADJ, CARBON 10K, DECK B TAPE SPEED
RV308	1-226-236-00	RES, ADJ, CARBON 10K, DECK B TAPE SPEED
RV401	1-226-232-00	RES, ADJ, CARBON 500, DECK A PB LEVEL(R)
RV402	1-226-232-00	RES, ADJ, CARBON 500, DECK B PB LEVEL(R)
RV403	1-226-238-00	RES, ADJ, CARBON 50K, REC LEVEL (R)
RV404	1-226-239-00	RES, ADJ, CARBON 100K, REC BIAS (R)
RV501	1-230-362-11	RES, VAR, SLIDE 250K/250K, 63Hz
RV502	1-230-362-11	RES, VAR, SLIDE 250K/250K, 250Hz
RV503	1-230-362-11	RES, VAR, SLIDE 250K/250K, 1kHz
RV504	1-230-362-11	RES, VAR, SLIDE 250K/250K, 4kHz
RV505	1-230-362-11	RES, VAR, SLIDE 250K/250K, 12kHz
RV506	1-230-708-11	RES, VAR, SLIDE 50K/50K, VOLUME
RV507	1-230-346-11	RES, VAR, SLIDE 250K, BALANCE
RV508	1-230-707-11	RES, VAR, SLIDE 50K, MIC LEVEL
S1	1-554-336-00	SWITCH, SLIDE, REC/PB
S2	1-570-189-11	SWITCH, PUSH (3 KEY), REC MUTE/DOLBY NR/DUBBING SPEED
S3	1-552-804-00	SWITCH, LEAF, TAPE DUBBING
S4	1-552-804-00	SWITCH, LEAF, PHONO DUBBING
S5	1-552-819-00	SWITCH, SLIDE, ISS
S101	1-554-759-11	SWITCH, ROTARY SLIDE, BAND
S102	1-554-428-00	SWITCH, PUSH (1 KEY), STEREO/MUTING
S301	1-570-303-11	SWITCH, LEAF (C), DECK A MOTOR
S302	1-570-304-11	SWITCH, LEAF (D), DECK A FWD
S303	1-570-302-11	SWITCH, LEAF (B), DECK A FF/REW
S304	1-570-305-11	SWITCH, LEAF (E), DECK A TAPE TYPE(II/IV)
S311	1-570-303-11	SWITCH, LEAF (C), DECK B MOTOR

Ref.No.	Part No.	Description
S312	1-570-304-11	SWITCH, LEAF(D), DECK B FWD
S313	1-570-301-11	SWITCH, LEAF(A), DECK B REC
S314	1-570-302-11	SWITCH, LEAF(B), DECK B FF/REW
S315	1-570-305-11	SWITCH, LEAF(E), DECK B TAPE TYPE(II/IV)
S316	1-570-305-11	SWITCH, LEAF(E), DECK B TAPE TYPE(IV)
S501	1-552-539-00	SWITCH, KEY BOARD, TAPE
S502	1-552-539-00	SWITCH, KEY BOARD, CD/AUX
S503	1-552-539-00	SWITCH, KEY BOARD, TUNER
S504	1-552-539-00	SWITCH, KEY BOARD, PHONO
S901 ⚠	1-553-318-00	SWITCH, PUSH (AC POWER)(1 KEY), POWER
T301	1-433-295-11	TRANSFORMER, BIAS OSCILLATION
T901 ⚠	1-448-124-11	TRANSFORMER, POWER
TB001	*1-535-139-00	BASE POST 19MM (10MM PITCH) 2P
TB091	1-536-708-00	(AEP,UK)...TERMINAL BOARD, PUSH 4P, ANTENNA
TB091	1-536-707-00	(G-AEP)....TERMINAL BOARD, PUSH 2P, ANTENNA
TB701	*1-535-116-00	TERMINAL
TB711	1-536-705-00	TERMINAL BOARD (SP), SPEAKER
TB901	*1-535-139-00	(UK)...BASE POST 19MM (10MM PITCH) 2P
TB902	*1-535-140-00	BASE POST 19MM (10MM PITCH) 3P
TB903	*1-535-139-00	BASE POST 19MM (10MM PITCH) 2P

The components identified by shading and mark ⚠ are critical for safety.
Replace only with part numer specified.

Les composants identifiés par une trame et une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

9-951-682-11

Sony Corporation

85D0976-1
Printed in Japan

© 1985